



U.S. Energy Information  
Administration

# Petroleum Supply Monthly

with data for June 2021

August 2021



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## Preface

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The Petroleum Supply Monthly (PSM) is the monthly component of a series of three publications produced by the Office of Petroleum and Biofuels Statistics of the U.S. Energy Information Administration (EIA). The other two components are the Weekly Petroleum Status Report (WPSR) and the Petroleum Supply Annual (PSA). Together these publications present comprehensive petroleum and biofuel supply data on a weekly, monthly and annual basis.

Data presented in the PSM describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of crude oil, petroleum products, and biofuels. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

### Scope of data

The PSM presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District levels, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources including federal and state agencies.

### Sections

- U.S. supply and disposition of crude oil, petroleum products, and biofuels
- Regional supply and disposition of crude oil, petroleum products, and biofuels
- Crude oil supply and disposition and production by state
- Natural Gas Processing
- Refinery Operations
- Imports of residual fuel oil by state of entry
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**Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>	
<b>Crude Oil<sup>4</sup></b>	<b>339,220</b>	--	--	<b>198,051</b>	<b>13,996</b>	<b>-34,924</b>	<b>485,707</b>	<b>100,484</b>	<b>0</b>	<b>1,069,255</b>
<b>Hydrocarbon Gas Liquids</b>	<b>164,233</b>	<b>-712</b>	<b>26,427</b>	<b>3,993</b>	--	<b>9,158</b>	<b>12,409</b>	<b>69,998</b>	<b>102,376</b>	<b>195,772</b>
Natural Gas Liquids	164,233	-712	17,184	3,505	--	9,171	12,409	69,998	92,632	193,804
Ethane	65,521	--	133	--	--	-2,015	--	12,047	55,622	65,218
Propane	52,132	--	9,044	2,075	--	4,534	--	40,037	18,680	53,164
Normal Butane	14,325	--	8,045	1,105	--	6,423	2,145	11,824	3,083	43,116
Isobutane	13,322	--	-38	318	--	136	6,329	133	7,004	9,965
Natural Gasoline	18,933	-712	--	7	--	93	3,935	5,957	8,243	22,341
Refinery Olefins	--	--	9,243	488	--	-13	--	--	9,744	1,968
Ethylene	--	--	15	--	--	0	--	--	15	0
Propylene	--	--	9,192	424	--	80	--	--	9,536	1,186
Normal Butylene	--	--	77	64	--	-75	--	--	216	744
Isobutylene	--	--	-41	--	--	-18	--	--	-23	38
<b>Other Liquids</b>	--	<b>35,329</b>	--	<b>49,877</b>	<b>6,008</b>	<b>1,241</b>	<b>71,026</b>	<b>17,764</b>	<b>1,184</b>	<b>339,211</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	35,329	--	1,842	5,312	-160	36,302	2,608	3,733	27,525
Hydrogen	--	--	--	--	6,591	--	6,591	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	35,329	--	1,838	-1,293	-161	29,694	2,608	3,733	27,516
Fuel Ethanol <sup>5</sup>	--	30,682	--	300	-1,293	-47	27,773	1,963	0	21,966
Renewable Fuels Except Fuel Ethanol	--	4,647	--	1,538	--	-114	1,921	646	3,733	5,549
Other Hydrocarbons	--	--	--	4	14	1	17	--	0	9
Unfinished Oils	--	--	--	22,460	--	2,248	9,596	13,146	-2,530	93,020
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup>	--	0	--	25,575	696	-853	25,115	2,009	0	218,639
Reformulated	--	0	--	8,253	2,560	3,033	7,773	8	0	54,149
Conventional	--	--	--	17,322	-1,864	-3,886	17,342	2,002	0	164,490
Aviation Gasoline Blend. Comp.	--	--	--	--	--	6	13	--	-19	27
<b>Finished Petroleum Products</b>	--	<b>200</b>	<b>570,388</b>	<b>27,024</b>	<b>597</b>	<b>-3,948</b>	--	<b>89,603</b>	<b>512,555</b>	<b>288,565</b>
Finished Motor Gasoline	--	183	298,477	3,221	597	-1,760	--	26,049	278,189	18,600
Reformulated	--	--	92,811	--	-1,295	-2	--	--	91,518	22
Conventional	--	183	205,666	3,221	1,892	-1,758	--	26,049	186,671	18,578
Finished Aviation Gasoline	--	--	364	64	--	-80	--	--	508	1,048
Kerosene-Type Jet Fuel	--	9	41,494	5,357	--	1,353	--	2,760	42,746	44,709
Kerosene	--	--	-29	4	--	-32	--	--	7	1,623
Distillate Fuel Oil <sup>5</sup>	--	9	148,617	7,207	--	99	--	37,532	118,202	140,060
15 ppm sulfur and under	--	9	142,037	6,888	--	553	--	31,264	117,117	127,410
Greater than 15 ppm to 500 ppm sulfur	--	0	3,126	316	--	218	--	2,245	979	3,471
Greater than 500 ppm sulfur	--	--	3,454	3	--	-672	--	4,022	107	9,179
Residual Fuel Oil	--	--	6,491	6,810	--	-534	--	3,782	10,053	31,149
Less than 0.31 percent sulfur	--	--	1,054	--	--	-260	--	NA	NA	4,379
0.31 to 1.00 percent sulfur	--	--	2,462	649	--	-255	--	NA	NA	7,317
Greater than 1.00 percent sulfur	--	--	2,975	6,161	--	-19	--	NA	NA	19,453
Petrochemical Feedstocks	--	--	8,746	533	--	-262	--	--	9,541	2,898
Naphtha for Petro. Feed. Use	--	--	5,652	418	--	-75	--	--	6,145	2,275
Other Oils for Petro. Feed. Use	--	--	3,094	115	--	-187	--	--	3,396	623
Special Naphthas	--	--	957	118	--	-91	--	--	1,166	1,018
Lubricants	--	--	5,668	1,534	--	539	--	3,728	2,935	9,687
Waxes	--	--	100	182	--	-22	--	140	164	502
Petroleum Coke	--	--	25,056	203	--	59	--	14,883	10,317	6,584
Marketable	--	--	18,701	203	--	59	--	14,883	3,962	6,584
Catalyst	--	--	6,355	--	--	--	--	--	6,355	--
Asphalt and Road Oil	--	--	10,817	1,789	--	-3,198	--	695	15,109	30,047
Still Gas	--	--	21,039	--	--	--	--	--	21,039	--
Miscellaneous Products	--	--	2,591	2	--	-19	--	33	2,579	640
<b>Total</b>	<b>503,453</b>	<b>34,818</b>	<b>596,815</b>	<b>278,945</b>	<b>20,601</b>	<b>-28,474</b>	<b>569,142</b>	<b>277,849</b>	<b>616,115</b>	<b>1,892,803</b>

-- = Not Applicable.

NA = No Data Reported.

N/A = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).  
<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>5</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

**Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>	
<b>Crude Oil<sup>4</sup></b>	<b>1,989,152</b>	<b>--</b>	<b>--</b>	<b>1,068,452</b>	<b>95,710</b>	<b>-54,088</b>	<b>2,666,570</b>	<b>540,832</b>	<b>0</b>	<b>1,069,255</b>
<b>Hydrocarbon Gas Liquids</b>	<b>934,246</b>	<b>-3,778</b>	<b>117,082</b>	<b>33,919</b>	<b>--</b>	<b>-33,385</b>	<b>86,838</b>	<b>418,889</b>	<b>609,126</b>	<b>195,772</b>
Natural Gas Liquids	934,246	-3,778	64,627	30,764	--	-33,104	86,838	418,889	553,235	193,804
Ethane	367,056	--	678	--	--	-4,382	--	66,933	305,183	65,218
Propane	304,199	--	49,341	22,774	--	-17,271	--	236,591	156,994	53,164
Normal Butane	86,870	--	16,063	6,650	--	1,473	27,877	75,849	4,384	43,116
Isobutane	73,310	--	-1,455	1,302	--	-2,376	33,383	603	41,547	9,965
Natural Gasoline	102,811	-3,778	--	38	--	-10,548	25,578	38,913	45,127	22,341
Refinery Olefins	--	--	52,455	3,155	--	-281	--	--	55,891	1,968
Ethylene	--	--	129	--	--	0	--	--	129	0
Propylene	--	--	52,538	2,732	--	-301	--	--	55,571	1,186
Normal Butylene	--	--	-122	403	--	24	--	--	257	744
Isobutylene	--	--	-90	20	--	-4	--	--	-66	38
<b>Other Liquids</b>	<b>--</b>	<b>198,756</b>	<b>--</b>	<b>245,388</b>	<b>59,197</b>	<b>13,197</b>	<b>363,317</b>	<b>98,560</b>	<b>28,268</b>	<b>339,211</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	198,757	--	7,827	33,041	-2,373	202,368	18,262	21,369	27,525
Hydrogen	--	--	--	--	36,265	--	36,265	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	198,757	--	7,794	-3,278	-2,369	166,012	18,262	21,369	27,516
Fuel Ethanol <sup>5</sup>	--	171,237	--	300	-3,278	-2,721	155,053	15,927	0	21,966
Renewable Fuels Except Fuel Ethanol	--	27,520	--	7,494	--	352	10,959	2,335	21,369	5,549
Other Hydrocarbons	--	--	--	33	54	-4	91	--	0	9
Unfinished Oils	--	--	--	102,951	--	14,813	13,406	67,753	6,979	93,020
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup>	--	-1	--	134,610	26,156	761	147,459	12,545	0	218,639
Reformulated	--	-1	--	38,485	39,583	700	77,332	35	0	54,149
Conventional	--	0	--	96,125	-13,427	61	70,127	12,510	0	164,490
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-4	84	--	-80	27
<b>Finished Petroleum Products</b>	<b>--</b>	<b>912</b>	<b>3,163,353</b>	<b>161,291</b>	<b>-22,878</b>	<b>-15,326</b>	<b>--</b>	<b>472,386</b>	<b>2,845,618</b>	<b>288,565</b>
Finished Motor Gasoline	--	845	1,680,423	21,116	-22,878	-6,710	--	140,655	1,545,560	18,600
Reformulated	--	--	516,910	--	-33,356	-26	--	--	483,580	22
Conventional	--	845	1,163,513	21,116	10,478	-6,684	--	140,655	1,061,981	18,578
Finished Aviation Gasoline	--	--	1,725	239	--	-73	--	--	2,037	1,048
Kerosene-Type Jet Fuel	--	43	218,653	25,443	--	6,082	--	14,581	223,476	44,709
Kerosene	--	--	1,190	4	--	-1,037	--	736	1,495	1,623
Distillate Fuel Oil <sup>5</sup>	--	24	820,235	57,111	--	-20,381	--	182,370	715,382	140,060
15 ppm sulfur and under	--	24	781,495	55,754	--	-21,165	--	154,892	703,546	127,410
Greater than 15 ppm to 500 ppm sulfur	--	0	20,994	950	--	63	--	13,260	8,620	3,471
Greater than 500 ppm sulfur	--	--	17,746	407	--	721	--	14,217	3,215	9,179
Residual Fuel Oil	--	--	35,854	31,326	--	915	--	20,123	46,142	31,149
Less than 0.31 percent sulfur	--	--	4,564	1,556	--	1,293	--	NA	NA	4,379
0.31 to 1.00 percent sulfur	--	--	14,437	5,416	--	395	--	NA	NA	7,317
Greater than 1.00 percent sulfur	--	--	16,853	24,354	--	-773	--	NA	NA	19,453
Petrochemical Feedstocks	--	--	48,187	3,461	--	10	--	--	51,638	2,898
Naphtha for Petro. Feed. Use	--	--	30,547	2,788	--	199	--	--	33,136	2,275
Other Oils for Petro. Feed. Use	--	--	17,640	673	--	-189	--	--	18,502	623
Special Naphthas	--	--	5,725	1,830	--	-42	--	--	7,597	1,018
Lubricants	--	--	29,271	8,638	--	-13	--	18,757	19,165	9,687
Waxes	--	--	631	1,182	--	-53	--	870	996	502
Petroleum Coke	--	--	133,559	2,117	--	-1,119	--	90,298	46,497	6,584
Marketable	--	--	99,155	2,117	--	-1,119	--	90,298	12,093	6,584
Catalyst	--	--	34,404	--	--	--	--	--	34,404	--
Asphalt and Road Oil	--	--	60,861	8,817	--	7,023	--	3,806	58,849	30,047
Still Gas	--	--	112,731	--	--	--	--	--	112,731	--
Miscellaneous Products	--	--	14,308	7	--	72	--	191	14,052	640
<b>Total</b>	<b>2,923,398</b>	<b>195,890</b>	<b>3,280,435</b>	<b>1,509,050</b>	<b>132,029</b>	<b>-89,602</b>	<b>3,116,725</b>	<b>1,530,667</b>	<b>3,483,012</b>	<b>1,892,803</b>

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).  
<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>5</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

**Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>
<b>Crude Oil<sup>4</sup></b> .....	<b>11,307</b>	--	--	<b>6,602</b>	<b>467</b>	<b>-1,164</b>	<b>16,190</b>	<b>3,349</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>5,474</b>	<b>-24</b>	<b>881</b>	<b>133</b>	--	<b>305</b>	<b>414</b>	<b>2,333</b>	<b>3,413</b>
Natural Gas Liquids .....	5,474	-24	573	117	--	306	414	2,333	3,088
Ethane .....	2,184	--	4	--	--	-67	--	402	1,854
Propane .....	1,738	--	301	69	--	151	--	1,335	623
Normal Butane .....	478	--	268	37	--	214	72	394	103
Isobutane .....	444	--	-1	11	--	5	211	4	233
Natural Gasoline .....	631	-24	--	0	--	3	131	199	275
Refinery Olefins .....	--	--	308	16	--	0	--	--	325
Ethylene .....	--	--	1	--	--	0	--	--	1
Propylene .....	--	--	306	14	--	3	--	--	318
Normal Butylene .....	--	--	3	2	--	-3	--	--	7
Isobutylene .....	--	--	-1	--	--	-1	--	--	-1
<b>Other Liquids</b> .....	<b>--</b>	<b>1,178</b>	<b>--</b>	<b>1,663</b>	<b>200</b>	<b>41</b>	<b>2,368</b>	<b>592</b>	<b>39</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	1,178	--	61	177	-5	1,210	87	124
Hydrogen .....	--	--	--	--	220	--	220	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	--	1,178	--	61	-43	-5	990	87	124
Fuel Ethanol <sup>5</sup> .....	--	1,023	--	10	-43	-2	926	65	0
Renewable Fuels Except Fuel Ethanol .....	--	155	--	51	--	-4	64	22	124
Other Hydrocarbons .....	--	--	--	0	0	0	1	--	0
Unfinished Oils .....	--	--	--	749	--	75	320	438	-84
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup> .....	--	0	--	853	23	-28	837	67	0
Reformulated .....	--	0	--	275	85	101	259	0	0
Conventional .....	--	--	--	577	-62	-130	578	67	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	0	0	--	-1
<b>Finished Petroleum Products</b> .....	<b>--</b>	<b>7</b>	<b>19,013</b>	<b>901</b>	<b>20</b>	<b>-132</b>	<b>--</b>	<b>2,987</b>	<b>17,085</b>
Finished Motor Gasoline .....	--	6	9,949	107	20	-59	--	868	9,273
Reformulated .....	--	--	3,094	--	-43	0	--	--	3,051
Conventional .....	--	6	6,856	107	63	-59	--	868	6,222
Finished Aviation Gasoline .....	--	--	12	2	--	-3	--	--	17
Kerosene-Type Jet Fuel .....	--	0	1,383	179	--	45	--	92	1,425
Kerosene .....	--	--	-1	0	--	-1	--	--	0
Distillate Fuel Oil <sup>5</sup> .....	--	0	4,954	240	--	3	--	1,251	3,940
15 ppm sulfur and under .....	--	0	4,735	230	--	18	--	1,042	3,904
Greater than 15 ppm to 500 ppm sulfur .....	--	0	104	11	--	7	--	75	33
Greater than 500 ppm sulfur .....	--	--	115	0	--	-22	--	134	4
Residual Fuel Oil .....	--	--	216	227	--	-18	--	126	335
Less than 0.31 percent sulfur .....	--	--	35	--	--	-9	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	82	22	--	-9	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	99	205	--	-1	--	NA	NA
Petrochemical Feedstocks .....	--	--	292	18	--	-9	--	--	318
Naphtha for Petro. Feed. Use .....	--	--	188	14	--	-3	--	--	205
Other Oils for Petro. Feed. Use .....	--	--	103	4	--	-6	--	--	113
Special Naphthas .....	--	--	32	4	--	-3	--	--	39
Lubricants .....	--	--	189	51	--	18	--	124	98
Waxes .....	--	--	3	6	--	-1	--	5	5
Petroleum Coke .....	--	--	835	7	--	2	--	496	344
Marketable .....	--	--	623	7	--	2	--	496	132
Catalyst .....	--	--	212	--	--	--	--	--	212
Asphalt and Road Oil .....	--	--	361	60	--	-107	--	23	504
Still Gas .....	--	--	701	--	--	--	--	--	701
Miscellaneous Products .....	--	--	86	0	--	-1	--	1	86
<b>Total</b> .....	<b>16,782</b>	<b>1,161</b>	<b>19,894</b>	<b>9,298</b>	<b>687</b>	<b>-949</b>	<b>18,971</b>	<b>9,262</b>	<b>20,537</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>5</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

**Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments <sup>1</sup>	Stock Change <sup>2</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>3</sup>
<b>Crude Oil<sup>4</sup></b> .....	<b>10,990</b>	--	--	<b>5,903</b>	<b>529</b>	<b>-299</b>	<b>14,732</b>	<b>2,988</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>5,162</b>	<b>-21</b>	<b>647</b>	<b>187</b>	--	<b>-184</b>	<b>480</b>	<b>2,314</b>	<b>3,365</b>
Natural Gas Liquids .....	5,162	-21	357	170	--	-183	480	2,314	3,057
Ethane .....	2,028	--	4	--	--	-24	--	370	1,686
Propane .....	1,681	--	273	126	--	-95	--	1,307	867
Normal Butane .....	480	--	89	37	--	8	154	419	24
Isobutane .....	405	--	-8	7	--	-13	184	3	230
Natural Gasoline .....	568	-21	--	0	--	-58	141	215	249
Refinery Olefins .....	--	--	290	17	--	-2	--	--	309
Ethylene .....	--	--	1	--	--	0	--	--	1
Propylene .....	--	--	290	15	--	-2	--	--	307
Normal Butylene .....	--	--	-1	2	--	0	--	--	1
Isobutylene .....	--	--	0	0	--	0	--	--	0
<b>Other Liquids</b> .....	<b>--</b>	<b>1,098</b>	<b>--</b>	<b>1,356</b>	<b>327</b>	<b>73</b>	<b>2,007</b>	<b>545</b>	<b>156</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	1,098	--	43	183	-13	1,118	101	118
Hydrogen .....	--	--	--	--	200	--	200	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	--	1,098	--	43	-18	-13	917	101	118
Fuel Ethanol <sup>5</sup> .....	--	946	--	2	-18	-15	857	88	0
Renewable Fuels Except Fuel Ethanol .....	--	152	--	41	--	2	61	13	118
Other Hydrocarbons .....	--	--	--	0	0	0	1	--	0
Unfinished Oils .....	--	--	--	569	--	82	74	374	39
Motor Gasoline Blend.Comp. (MGBC) <sup>5</sup> .....	--	0	--	744	145	4	815	69	0
Reformulated .....	--	0	--	213	219	4	427	0	0
Conventional .....	--	0	--	531	-74	0	387	69	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b> .....	<b>--</b>	<b>5</b>	<b>17,477</b>	<b>891</b>	<b>-126</b>	<b>-85</b>	<b>--</b>	<b>2,610</b>	<b>15,722</b>
Finished Motor Gasoline .....	--	5	9,284	117	-126	-37	--	777	8,539
Reformulated .....	--	--	2,856	--	-184	0	--	--	2,672
Conventional .....	--	5	6,428	117	58	-37	--	777	5,867
Finished Aviation Gasoline .....	--	--	10	1	--	0	--	--	11
Kerosene-Type Jet Fuel .....	--	0	1,208	141	--	34	--	81	1,235
Kerosene .....	--	--	7	0	--	-6	--	4	8
Distillate Fuel Oil <sup>5</sup> .....	--	0	4,532	316	--	-113	--	1,008	3,952
15 ppm sulfur and under .....	--	0	4,318	308	--	-117	--	856	3,887
Greater than 15 ppm to 500 ppm sulfur .....	--	0	116	5	--	0	--	73	48
Greater than 500 ppm sulfur .....	--	--	98	2	--	4	--	79	18
Residual Fuel Oil .....	--	--	198	173	--	5	--	111	255
Less than 0.31 percent sulfur .....	--	--	25	9	--	7	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	80	30	--	2	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	93	135	--	-4	--	NA	NA
Petrochemical Feedstocks .....	--	--	266	19	--	0	--	--	285
Naphtha for Petro. Feed. Use .....	--	--	169	15	--	1	--	--	183
Other Oils for Petro. Feed. Use .....	--	--	97	4	--	-1	--	--	102
Special Naphthas .....	--	--	32	10	--	0	--	--	42
Lubricants .....	--	--	162	48	--	0	--	104	106
Waxes .....	--	--	3	7	--	0	--	5	6
Petroleum Coke .....	--	--	738	12	--	-6	--	499	257
Marketable .....	--	--	548	12	--	-6	--	499	67
Catalyst .....	--	--	190	--	--	--	--	--	190
Asphalt and Road Oil .....	--	--	336	49	--	39	--	21	325
Still Gas .....	--	--	623	--	--	--	--	--	623
Miscellaneous Products .....	--	--	79	0	--	0	--	1	78
<b>Total</b> .....	<b>16,151</b>	<b>1,082</b>	<b>18,124</b>	<b>8,337</b>	<b>729</b>	<b>-495</b>	<b>17,219</b>	<b>8,457</b>	<b>19,243</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>3</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>4</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

<sup>5</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report,"

EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

**Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>2,249</b>	--	--	<b>16,668</b>	<b>2,280</b>	<b>260</b>	<b>-627</b>	<b>21,517</b>	<b>567</b>	<b>0</b>	<b>8,012</b>
<b>Hydrocarbon Gas Liquids</b>	<b>19,097</b>	<b>-9</b>	<b>1,120</b>	<b>745</b>	<b>1,412</b>	--	<b>-674</b>	<b>440</b>	<b>11,235</b>	<b>11,365</b>	<b>8,400</b>
Natural Gas Liquids	19,097	-9	645	515	1,029	--	-665	440	11,235	10,268	8,242
Ethane	7,315	--	--	--	-5,008	--	-449	--	2,198	558	792
Propane	6,807	--	408	515	5,247	--	-206	--	6,200	6,983	5,388
Normal Butane	2,138	--	312	--	1,395	--	4	88	2,748	1,005	1,621
Isobutane	906	--	-75	--	-297	--	-16	117	1	432	134
Natural Gasoline	1,931	-9	--	--	-308	--	2	235	88	1,290	307
Refinery Olefins	--	--	475	230	383	--	-9	--	--	1,097	158
Ethylene	--	--	5	--	--	--	--	--	--	5	--
Propylene	--	--	435	230	383	--	38	--	--	1,010	139
Normal Butylene	--	--	8	--	--	--	-35	--	--	43	9
Isobutylene	--	--	27	--	--	--	-12	--	--	39	10
<b>Other Liquids</b>	<b>--</b>	<b>528</b>	<b>--</b>	<b>23,029</b>	<b>66,747</b>	<b>629</b>	<b>3,297</b>	<b>86,453</b>	<b>139</b>	<b>1,044</b>	<b>77,997</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	528	--	219	9,984	459	486	10,368	118	218	7,779
Hydrogen	--	--	--	--	--	97	--	97	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	528	--	219	9,984	362	486	10,271	118	218	7,779
Fuel Ethanol	--	333	--	--	9,898	362	466	10,014	113	0	6,643
Renewable Fuels Except Fuel Ethanol	--	195	--	219	86	--	21	257	5	218	1,136
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1,902	-1	--	-182	1,238	19	826	4,011
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	20,908	56,764	170	2,993	74,847	2	0	66,207
Reformulated	--	--	--	8,253	9,908	-178	936	17,047	--	0	22,389
Conventional	--	--	--	12,655	46,856	348	2,057	57,800	2	0	43,818
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>108,544</b>	<b>12,793</b>	<b>40,125</b>	<b>-532</b>	<b>2,585</b>	<b>--</b>	<b>2,283</b>	<b>156,063</b>	<b>73,161</b>
Finished Motor Gasoline	--	--	96,816	2,300	3,146	-532	439	--	45	101,246	3,645
Reformulated	--	--	37,069	--	--	-196	0	--	--	36,873	6
Conventional	--	--	59,747	2,300	3,146	-336	439	--	45	64,373	3,639
Finished Aviation Gasoline	--	--	-4	27	48	--	-18	--	--	89	166
Kerosene-Type Jet Fuel	--	--	1,671	2,876	11,179	--	1,421	--	293	14,012	11,415
Kerosene	--	--	-49	4	--	--	18	--	--	-63	1,389
Distillate Fuel Oil <sup>6</sup>	--	0	5,927	6,177	23,758	--	1,988	--	330	33,544	41,603
15 ppm sulfur and under	--	0	6,152	6,177	22,741	--	1,947	--	18	33,105	38,002
Greater than 15 ppm to 500 ppm sulfur	--	--	23	--	1	--	47	--	311	-334	1,004
Greater than 500 ppm sulfur	--	--	-248	--	1,016	--	-6	--	1	773	2,597
Residual Fuel Oil	--	--	1,268	440	--	--	-682	--	480	1,910	6,743
Less than 0.31 percent sulfur	--	--	3	--	--	--	17	--	NA	NA	561
0.31 to 1.00 percent sulfur	--	--	1,035	--	--	--	-105	--	NA	NA	1,524
Greater than 1.00 percent sulfur	--	--	230	440	--	--	-594	--	NA	NA	4,658
Petrochemical Feedstocks	--	--	--	4	29	--	--	--	--	33	--
Naphtha for Petro. Feed. Use	--	--	--	4	29	--	--	--	--	33	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	17	3	--	--	-10	--	--	30	38
Lubricants	--	--	341	205	703	--	183	--	159	907	1,054
Waxes	--	--	-17	95	--	--	7	--	84	-13	226
Petroleum Coke	--	--	645	1	66	--	--	--	782	-70	--
Marketable	--	--	199	1	66	--	--	--	782	-516	--
Catalyst	--	--	446	--	--	--	--	--	--	446	--
Asphalt and Road Oil	--	--	953	660	1,196	--	-747	--	95	3,461	6,836
Still Gas	--	--	898	--	--	--	--	--	--	898	--
Miscellaneous Products	--	--	78	1	--	--	-14	--	14	79	46
<b>Total</b>	<b>21,346</b>	<b>520</b>	<b>109,664</b>	<b>53,235</b>	<b>110,564</b>	<b>357</b>	<b>4,581</b>	<b>108,410</b>	<b>14,223</b>	<b>168,472</b>	<b>167,570</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>14,066</b>	--	--	<b>93,489</b>	<b>15,553</b>	<b>-3,131</b>	<b>-1,854</b>	<b>118,165</b>	<b>3,666</b>	<b>0</b>	<b>8,012</b>
<b>Hydrocarbon Gas Liquids</b>	<b>113,021</b>	<b>-52</b>	<b>4,028</b>	<b>8,076</b>	<b>13,660</b>	--	<b>-3,924</b>	<b>6,206</b>	<b>52,381</b>	<b>84,071</b>	<b>8,400</b>
Natural Gas Liquids	113,021	-52	1,198	6,424	11,462	--	-3,759	6,206	52,381	77,226	8,242
Ethane	42,791	--	--	--	-29,564	--	-346	--	13,193	380	792
Propane	40,682	--	2,501	5,877	35,533	--	-2,773	--	25,568	61,798	5,388
Normal Butane	12,871	--	-615	378	9,470	--	-383	3,762	13,123	5,602	1,621
Isobutane	5,311	--	-688	169	-1,998	--	-85	767	5	2,107	134
Natural Gasoline	11,366	-52	--	--	-1,979	--	-172	1,677	492	7,339	307
Refinery Olefins	--	--	2,830	1,652	2,198	--	-165	--	--	6,845	158
Ethylene	--	--	97	--	--	--	--	--	--	97	--
Propylene	--	--	2,529	1,652	2,198	--	-6	--	--	6,385	139
Normal Butylene	--	--	24	--	--	--	-127	--	--	151	9
Isobutylene	--	--	180	--	--	--	-32	--	--	212	10
<b>Other Liquids</b>	<b>--</b>	<b>3,055</b>	<b>--</b>	<b>120,866</b>	<b>338,375</b>	<b>31,890</b>	<b>2,099</b>	<b>487,598</b>	<b>903</b>	<b>3,585</b>	<b>77,997</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	3,055	--	983	51,622	4,197	-813	58,657	709	1,303	7,779
Hydrogen	--	--	--	--	--	506	--	506	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	3,055	--	983	51,622	3,691	-813	58,151	709	1,303	7,779
Fuel Ethanol	--	2,029	--	--	50,428	3,691	-588	56,270	465	0	6,643
Renewable Fuels Except Fuel Ethanol	--	1,026	--	983	1,194	--	-225	1,881	244	1,303	1,136
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	10,626	-169	--	683	7,317	174	2,283	4,011
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	109,257	286,922	27,694	2,229	421,624	20	0	66,207
Reformulated	--	--	--	38,485	41,965	11,570	425	91,593	2	0	22,389
Conventional	--	--	--	70,772	244,957	16,124	1,804	330,031	18	0	43,818
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>2</b>	<b>614,995</b>	<b>88,232</b>	<b>212,885</b>	<b>-31,384</b>	<b>-19,586</b>	<b>--</b>	<b>13,357</b>	<b>890,957</b>	<b>73,161</b>
Finished Motor Gasoline	--	--	548,926	16,250	19,769	-31,384	-917	--	1,191	553,286	3,645
Reformulated	--	--	204,139	--	--	-9,445	-24	--	--	194,718	6
Conventional	--	--	344,787	16,250	19,769	-21,940	-893	--	1,191	358,568	3,639
Finished Aviation Gasoline	--	--	-17	45	398	--	-44	--	--	470	166
Kerosene-Type Jet Fuel	--	--	8,315	9,324	57,493	--	1,265	--	1,174	72,693	11,415
Kerosene	--	--	105	4	473	--	-815	--	3	1,394	1,389
Distillate Fuel Oil <sup>6</sup>	--	2	34,466	49,947	123,336	--	-19,017	--	3,108	223,659	41,603
15 ppm sulfur and under	--	2	35,270	49,947	119,624	--	-18,211	--	2,187	220,867	38,002
Greater than 15 ppm to 500 ppm sulfur	--	--	129	--	4	--	-403	--	916	-380	1,004
Greater than 500 ppm sulfur	--	--	-933	--	3,708	--	-403	--	5	3,173	2,597
Residual Fuel Oil	--	--	6,795	6,820	49	--	-1,271	--	2,087	12,848	6,743
Less than 0.31 percent sulfur	--	--	-99	200	--	--	-366	--	NA	NA	561
0.31 to 1.00 percent sulfur	--	--	5,298	2,357	--	--	-826	--	NA	NA	1,524
Greater than 1.00 percent sulfur	--	--	1,596	4,263	49	--	-79	--	NA	NA	4,658
Petrochemical Feedstocks	--	--	--	351	111	--	--	--	--	462	--
Naphtha for Petro. Feed. Use	--	--	--	341	111	--	--	--	--	452	--
Other Oils for Petro. Feed. Use	--	--	--	10	--	--	--	--	--	10	--
Special Naphthas	--	--	82	19	--	--	-4	--	--	105	38
Lubricants	--	--	1,892	897	2,821	--	-89	--	1,015	4,684	1,054
Waxes	--	--	-116	606	--	--	-35	--	489	36	226
Petroleum Coke	--	--	3,768	8	1,973	--	--	--	3,752	1,998	--
Marketable	--	--	1,310	8	1,973	--	--	--	3,752	-460	--
Catalyst	--	--	2,458	--	--	--	--	--	--	2,458	--
Asphalt and Road Oil	--	--	5,223	3,960	6,461	--	1,352	--	450	13,842	6,836
Still Gas	--	--	5,039	--	--	--	--	--	--	5,039	--
Miscellaneous Products	--	--	517	1	--	--	-11	--	89	440	46
<b>Total</b>	<b>127,087</b>	<b>3,005</b>	<b>619,023</b>	<b>310,663</b>	<b>580,472</b>	<b>-2,625</b>	<b>-23,265</b>	<b>611,969</b>	<b>70,307</b>	<b>978,614</b>	<b>167,570</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>75</b>	<b>--</b>	<b>--</b>	<b>556</b>	<b>76</b>	<b>9</b>	<b>-21</b>	<b>717</b>	<b>19</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>637</b>	<b>0</b>	<b>37</b>	<b>25</b>	<b>47</b>	<b>--</b>	<b>-22</b>	<b>15</b>	<b>374</b>	<b>379</b>
Natural Gas Liquids	637	0	22	17	34	--	-22	15	374	342
Ethane	244	--	--	--	-167	--	-15	--	73	19
Propane	227	--	14	17	175	--	-7	--	207	233
Normal Butane	71	--	10	--	47	--	0	3	92	33
Isobutane	30	--	-3	--	-10	--	-1	4	0	14
Natural Gasoline	64	0	--	--	-10	--	0	8	3	43
Refinery Olefins	--	--	16	8	13	--	0	--	--	37
Ethylene	--	--	0	--	--	--	--	--	--	0
Propylene	--	--	15	8	13	--	1	--	--	34
Normal Butylene	--	--	0	--	--	--	-1	--	--	1
Isobutylene	--	--	1	--	--	--	0	--	--	1
<b>Other Liquids</b>	<b>--</b>	<b>18</b>	<b>--</b>	<b>768</b>	<b>2,225</b>	<b>21</b>	<b>110</b>	<b>2,882</b>	<b>5</b>	<b>35</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	18	--	7	333	15	16	346	4	7
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	18	--	7	333	12	16	342	4	7
Fuel Ethanol <sup>6</sup>	--	11	--	--	330	12	16	334	4	0
Renewable Fuels Except Fuel Ethanol	--	7	--	7	3	--	1	9	0	7
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	63	0	--	-6	41	1	28
Motor Gasoline Blend Comp. (MGBC) <sup>6</sup>	--	--	--	697	1,892	6	100	2,495	0	0
Reformulated	--	--	--	275	330	-6	31	568	--	0
Conventional	--	--	--	422	1,562	12	69	1,927	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>3,618</b>	<b>426</b>	<b>1,337</b>	<b>-18</b>	<b>86</b>	<b>--</b>	<b>76</b>	<b>5,202</b>
Finished Motor Gasoline	--	--	3,227	77	105	-18	15	--	2	3,375
Reformulated	--	--	1,236	--	--	-7	0	--	--	1,229
Conventional	--	--	1,992	77	105	-11	15	--	2	2,146
Finished Aviation Gasoline	--	--	0	1	2	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	56	96	373	--	47	--	10	467
Kerosene	--	--	-2	0	--	--	1	--	--	-2
Distillate Fuel Oil <sup>6</sup>	--	0	198	206	792	--	66	--	11	1,118
15 ppm sulfur and under	--	0	205	206	758	--	65	--	1	1,103
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	0	--	2	--	10	-11
Greater than 500 ppm sulfur	--	--	-8	--	34	--	0	--	0	26
Residual Fuel Oil	--	--	42	15	--	--	-23	--	16	64
Less than 0.31 percent sulfur	--	--	0	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	35	--	--	--	-4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	8	15	--	--	-20	--	NA	NA
Petrochemical Feedstocks	--	--	--	0	1	--	--	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	0	1	--	--	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	0	--	--	0	--	--	1
Lubricants	--	--	11	7	23	--	6	--	5	30
Waxes	--	--	-1	3	--	--	0	--	3	0
Petroleum Coke	--	--	22	0	2	--	--	--	26	-2
Marketable	--	--	7	0	2	--	--	--	26	-17
Catalyst	--	--	15	--	--	--	--	--	--	15
Asphalt and Road Oil	--	--	32	22	40	--	-25	--	3	115
Still Gas	--	--	30	--	--	--	--	--	--	30
Miscellaneous Products	--	--	3	0	--	--	0	--	0	3
<b>Total</b>	<b>712</b>	<b>17</b>	<b>3,655</b>	<b>1,775</b>	<b>3,685</b>	<b>12</b>	<b>153</b>	<b>3,614</b>	<b>474</b>	<b>5,616</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>78</b>	<b>--</b>	<b>--</b>	<b>517</b>	<b>86</b>	<b>-17</b>	<b>-10</b>	<b>653</b>	<b>20</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>624</b>	<b>0</b>	<b>22</b>	<b>45</b>	<b>75</b>	<b>--</b>	<b>-22</b>	<b>34</b>	<b>289</b>	<b>464</b>
Natural Gas Liquids	624	0	7	35	63	--	-21	34	289	427
Ethane	236	--	--	--	-163	--	-2	--	73	2
Propane	225	--	14	32	196	--	-15	--	141	341
Normal Butane	71	--	-3	2	52	--	-2	21	73	31
Isobutane	29	--	-4	1	-11	--	0	4	0	12
Natural Gasoline	63	0	--	--	-11	--	-1	9	3	41
Refinery Olefins	--	--	16	9	12	--	-1	--	--	38
Ethylene	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	14	9	12	--	0	--	--	35
Normal Butylene	--	--	0	--	--	--	-1	--	--	1
Isobutylene	--	--	1	--	--	--	0	--	--	1
<b>Other Liquids</b>	<b>--</b>	<b>17</b>	<b>--</b>	<b>668</b>	<b>1,869</b>	<b>176</b>	<b>12</b>	<b>2,694</b>	<b>5</b>	<b>20</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	5	285	23	-4	324	4	7
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	17	--	5	285	20	-4	321	4	7
Fuel Ethanol <sup>6</sup>	--	11	--	--	279	20	-3	311	3	0
Renewable Fuels Except Fuel Ethanol	--	6	--	5	7	--	-1	10	1	7
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	59	-1	--	4	40	1	13
Motor Gasoline Blend Comp. (MGBC) <sup>6</sup>	--	--	--	604	1,585	153	12	2,329	0	0
Reformulated	--	--	--	213	232	64	2	506	0	0
Conventional	--	--	--	391	1,353	89	10	1,823	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>3,398</b>	<b>487</b>	<b>1,176</b>	<b>-173</b>	<b>-108</b>	<b>--</b>	<b>74</b>	<b>4,922</b>
Finished Motor Gasoline	--	--	3,033	90	109	-173	-5	--	7	3,057
Reformulated	--	--	1,128	--	--	-52	0	--	--	1,076
Conventional	--	--	1,905	90	109	-121	-5	--	7	1,981
Finished Aviation Gasoline	--	--	0	0	2	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	46	52	318	--	7	--	6	402
Kerosene	--	--	1	0	3	--	-5	--	0	8
Distillate Fuel Oil <sup>6</sup>	--	--	190	276	681	--	-105	--	17	1,236
15 ppm sulfur and under	--	--	195	276	661	--	-101	--	12	1,220
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	0	--	-2	--	5	-2
Greater than 500 ppm sulfur	--	--	-5	--	20	--	-2	--	0	18
Residual Fuel Oil	--	--	38	38	0	--	-7	--	12	71
Less than 0.31 percent sulfur	--	--	-1	1	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	29	13	--	--	-5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	9	24	0	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	2	1	--	--	--	--	3
Naphtha for Petro. Feed. Use	--	--	--	2	1	--	--	--	--	2
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Special Naphthas	--	--	0	0	--	--	0	--	--	1
Lubricants	--	--	10	5	16	--	0	--	6	26
Waxes	--	--	-1	3	--	--	0	--	3	0
Petroleum Coke	--	--	21	0	11	--	--	--	21	11
Marketable	--	--	7	0	11	--	--	--	21	-3
Catalyst	--	--	14	--	--	--	--	--	--	14
Asphalt and Road Oil	--	--	29	22	36	--	7	--	2	76
Still Gas	--	--	28	--	--	--	--	--	--	28
Miscellaneous Products	--	--	3	0	--	--	0	--	0	2
<b>Total</b>	<b>702</b>	<b>17</b>	<b>3,420</b>	<b>1,716</b>	<b>3,207</b>	<b>-15</b>	<b>-129</b>	<b>3,381</b>	<b>388</b>	<b>5,407</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>48,765</b>	--	--	<b>88,353</b>	<b>-15,075</b>	<b>-5,298</b>	<b>-9,654</b>	<b>122,067</b>	<b>4,331</b>	<b>0</b>	<b>124,267</b>
<b>Hydrocarbon Gas Liquids</b>	<b>33,062</b>	<b>-680</b>	<b>6,060</b>	<b>1,796</b>	<b>-22,243</b>	--	<b>5,331</b>	<b>2,376</b>	<b>8,636</b>	<b>1,652</b>	<b>44,540</b>
Natural Gas Liquids	33,062	-680	4,620	1,538	-21,402	--	5,380	2,376	8,636	746	44,091
Ethane	12,607	--	--	--	-6,685	--	469	--	2,651	2,802	6,810
Propane	11,009	--	2,452	797	-12,170	--	2,879	--	192	-983	15,150
Normal Butane	3,657	--	2,346	420	-5,025	--	2,099	40	146	-887	10,872
Isobutane	2,013	--	-178	314	-17	--	-20	1,613	1	538	2,156
Natural Gasoline	3,776	-680	--	7	2,495	--	-47	723	5,646	-724	9,103
Refinery Olefins	--	--	1,440	258	-841	--	-49	--	--	906	449
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1,336	194	-841	--	35	--	--	654	384
Normal Butylene	--	--	104	64	--	--	-84	--	--	252	65
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	--	<b>31,826</b>	--	<b>160</b>	<b>-11,136</b>	<b>-1,232</b>	<b>2,352</b>	<b>15,193</b>	<b>3,287</b>	<b>-1,214</b>	<b>68,410</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	31,825	--	77	-20,653	-844	-1,171	9,363	1,051	1,162	9,106
Hydrogen	--	--	--	--	--	1,160	--	1,160	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	31,825	--	77	-20,653	-2,022	-1,172	8,186	1,051	1,162	9,097
Fuel Ethanol	--	29,309	--	--	-19,810	-2,022	-825	7,649	652	0	8,240
Renewable Fuels Except Fuel Ethanol	--	2,517	--	77	-843	--	-347	537	399	1,162	857
Other Hydrocarbons	--	--	--	--	--	18	1	17	--	0	9
Unfinished Oils	--	--	--	--	-242	--	-291	255	2,170	-2,376	12,886
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	83	9,759	-388	3,814	5,575	66	0	46,417
Reformulated	--	0	--	--	5,014	-2,607	1,390	1,018	--	0	6,936
Conventional	--	--	--	83	4,745	2,219	2,424	4,557	66	0	39,481
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>161</b>	<b>140,914</b>	<b>1,726</b>	<b>4,609</b>	<b>2,410</b>	<b>-484</b>	--	<b>1,832</b>	<b>148,472</b>	<b>60,786</b>
Finished Motor Gasoline	--	159	78,383	--	597	2,410	-930	--	226	82,253	4,230
Reformulated	--	--	10,378	--	--	3,000	--	--	--	13,378	--
Conventional	--	159	68,005	--	597	-590	-930	--	226	68,875	4,230
Finished Aviation Gasoline	--	--	11	5	47	--	-17	--	--	80	150
Kerosene-Type Jet Fuel	--	--	8,021	--	1,221	--	497	--	6	8,739	7,098
Kerosene	--	--	38	--	--	--	-32	--	--	70	70
Distillate Fuel Oil	--	2	35,410	134	4,857	--	1,641	--	101	38,661	31,681
15 ppm sulfur and under	--	2	35,391	130	4,757	--	1,593	--	0	38,687	30,812
Greater than 15 ppm to 500 ppm sulfur	--	--	103	1	100	--	50	--	15	139	409
Greater than 500 ppm sulfur	--	--	-84	3	--	--	-2	--	86	-165	460
Residual Fuel Oil	--	--	1,111	92	-756	--	-93	--	191	349	1,235
Less than 0.31 percent sulfur	--	--	131	--	--	--	29	--	NA	NA	59
0.31 to 1.00 percent sulfur	--	--	232	6	-227	--	-118	--	NA	NA	199
Greater than 1.00 percent sulfur	--	--	748	86	-529	--	-4	--	NA	NA	977
Petrochemical Feedstocks	--	--	1,039	155	-51	--	-5	--	--	1,148	516
Naphtha for Petro. Feed. Use	--	--	623	85	-51	--	8	--	--	649	426
Other Oils for Petro. Feed. Use	--	--	416	70	--	--	-13	--	--	499	90
Special Naphthas	--	--	-24	6	50	--	-15	--	--	47	163
Lubricants	--	--	215	248	255	--	-58	--	194	582	608
Waxes	--	--	39	18	--	--	1	--	30	26	43
Petroleum Coke	--	--	6,240	34	-724	--	-96	--	883	4,763	1,695
Marketable	--	--	4,679	34	-724	--	-96	--	883	3,202	1,695
Catalyst	--	--	1,561	--	--	--	--	--	--	1,561	--
Asphalt and Road Oil	--	--	5,332	1,034	-889	--	-1,387	--	200	6,664	13,204
Still Gas	--	--	4,573	--	--	--	--	--	--	4,573	--
Miscellaneous Products	--	--	526	--	3	--	10	--	1	518	93
<b>Total</b>	<b>81,827</b>	<b>31,306</b>	<b>146,974</b>	<b>92,035</b>	<b>-43,845</b>	<b>-4,120</b>	<b>-2,455</b>	<b>139,636</b>	<b>18,087</b>	<b>148,910</b>	<b>298,003</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, bioiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>292,376</b>	--	--	<b>490,051</b>	<b>-139,872</b>	<b>14,121</b>	<b>-22,892</b>	<b>658,240</b>	<b>21,328</b>	<b>0</b>	<b>124,267</b>
<b>Hydrocarbon Gas Liquids</b>	<b>186,448</b>	<b>-3,601</b>	<b>23,241</b>	<b>14,521</b>	<b>-121,534</b>	--	<b>-2,610</b>	<b>14,488</b>	<b>54,758</b>	<b>32,438</b>	<b>44,540</b>
Natural Gas Liquids	186,448	-3,601	15,115	13,050	-115,943	--	-2,632	14,488	54,758	28,454	44,091
Ethane	68,143	--	--	--	-32,969	--	995	--	15,845	18,334	6,810
Propane	64,799	--	12,936	9,195	-72,914	--	-4,831	--	845	18,002	15,150
Normal Butane	21,907	--	2,738	2,737	-26,883	--	2,959	3,106	709	-6,275	10,872
Isobutane	11,076	--	-559	1,080	-1,380	--	267	8,070	13	1,867	2,156
Natural Gasoline	20,523	-3,601	--	38	18,203	--	-2,022	3,312	37,346	-3,473	9,103
Refinery Olefins	--	--	8,126	1,471	-5,591	--	22	--	--	3,984	449
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	7,802	1,080	-5,591	--	3	--	--	3,288	384
Normal Butylene	--	--	324	371	--	--	19	--	--	676	65
Isobutylene	--	--	--	20	--	--	0	--	--	20	0
<b>Other Liquids</b>	--	<b>178,504</b>	--	<b>2,086</b>	<b>-78,110</b>	<b>-3,699</b>	<b>2,548</b>	<b>85,090</b>	<b>14,251</b>	<b>-3,108</b>	<b>68,410</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	178,505	--	426	-115,065	-3,137	-1,719	51,516	4,230	6,703	9,106
Hydrogen	--	--	--	--	--	6,759	--	6,759	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	178,505	--	426	-115,065	-9,983	-1,715	44,666	4,230	6,703	9,097
Fuel Ethanol	--	163,279	--	--	-109,593	-9,983	-1,494	42,171	3,026	0	8,240
Renewable Fuels Except Fuel Ethanol	--	15,225	--	426	-5,472	--	-222	2,495	1,203	6,703	857
Other Hydrocarbons	--	--	--	--	--	87	-4	91	--	0	9
Unfinished Oils	--	--	--	23	-1,078	--	1,372	-2,140	9,524	-9,811	12,886
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	1,637	38,033	-562	2,895	35,714	498	0	46,417
Reformulated	--	0	--	--	13,476	-1,651	1,757	10,067	--	0	6,936
Conventional	--	--	--	1,637	24,557	1,089	1,138	25,647	498	0	39,481
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>705</b>	<b>774,388</b>	<b>8,691</b>	<b>19,804</b>	<b>10,545</b>	<b>5,031</b>	--	<b>6,504</b>	<b>802,599</b>	<b>60,786</b>
Finished Motor Gasoline	--	697	436,187	100	2,507	10,545	-3,126	--	1,395	451,767	4,230
Reformulated	--	--	58,425	--	--	3,021	--	--	--	61,446	--
Conventional	--	697	377,762	100	2,507	7,524	-3,126	--	1,395	390,321	4,230
Finished Aviation Gasoline	--	--	70	25	117	--	-31	--	--	243	150
Kerosene-Type Jet Fuel	--	--	40,168	37	4,755	--	556	--	116	44,288	7,098
Kerosene	--	--	759	--	--	--	-128	--	4	883	70
Distillate Fuel Oil	--	8	194,600	970	25,229	--	3,657	--	528	216,623	31,681
15 ppm sulfur and under	--	8	194,437	956	24,802	--	3,386	--	7	216,811	30,812
Greater than 15 ppm to 500 ppm sulfur	--	--	581	7	427	--	107	--	98	810	409
Greater than 500 ppm sulfur	--	--	-418	7	--	--	164	--	423	-998	460
Residual Fuel Oil	--	--	6,076	989	-3,048	--	106	--	933	2,978	1,235
Less than 0.31 percent sulfur	--	--	446	--	--	--	-14	--	NA	NA	59
0.31 to 1.00 percent sulfur	--	--	1,980	182	-1,548	--	-37	--	NA	NA	199
Greater than 1.00 percent sulfur	--	--	3,650	807	-1,500	--	157	--	NA	NA	977
Petrochemical Feedstocks	--	--	5,613	879	-565	--	-88	--	--	6,015	516
Naphtha for Petro. Feed. Use	--	--	3,449	476	-496	--	-56	--	--	3,485	426
Other Oils for Petro. Feed. Use	--	--	2,164	403	-69	--	-32	--	--	2,530	90
Special Naphthas	--	--	-21	44	188	--	12	--	--	199	163
Lubricants	--	--	1,096	1,344	1,219	--	-23	--	1,108	2,574	608
Waxes	--	--	188	110	--	--	3	--	196	99	43
Petroleum Coke	--	--	31,786	177	-5,024	--	60	--	1,605	25,274	1,695
Marketable	--	--	23,497	177	-5,024	--	60	--	1,605	16,985	1,695
Catalyst	--	--	8,289	--	--	--	--	--	--	8,289	--
Asphalt and Road Oil	--	--	30,745	4,016	-5,607	--	4,047	--	609	24,498	13,204
Still Gas	--	--	24,389	--	--	--	--	--	--	24,389	--
Miscellaneous Products	--	--	2,732	--	33	--	-14	--	11	2,768	93
<b>Total</b>	<b>478,824</b>	<b>175,608</b>	<b>797,629</b>	<b>515,349</b>	<b>-319,712</b>	<b>20,967</b>	<b>-17,923</b>	<b>757,818</b>	<b>96,841</b>	<b>831,929</b>	<b>298,003</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, bioiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>1,625</b>	--	--	<b>2,945</b>	<b>-503</b>	<b>-177</b>	<b>-322</b>	<b>4,069</b>	<b>144</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>1,102</b>	<b>-23</b>	<b>202</b>	<b>60</b>	<b>-741</b>	--	<b>178</b>	<b>79</b>	<b>288</b>	<b>55</b>
Natural Gas Liquids	1,102	-23	154	51	-713	--	179	79	288	25
Ethane	420	--	--	--	-223	--	16	--	88	93
Propane	367	--	82	27	-406	--	96	--	6	-33
Normal Butane	122	--	78	14	-168	--	70	1	5	-30
Isobutane	67	--	-6	10	-1	--	-1	54	0	18
Natural Gasoline	126	-23	--	0	83	--	-2	24	188	-24
Refinery Olefins	--	--	48	9	-28	--	-2	--	--	30
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	45	6	-28	--	1	--	--	22
Normal Butylene	--	--	3	2	--	--	-3	--	--	8
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>1,061</b>	<b>--</b>	<b>5</b>	<b>-371</b>	<b>-41</b>	<b>78</b>	<b>506</b>	<b>110</b>	<b>-40</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,061	--	3	-688	-28	-39	312	35	39
Hydrogen	--	--	--	--	--	39	--	39	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,061	--	3	-688	-67	-39	273	35	39
Fuel Ethanol	--	977	--	--	-660	-67	-27	255	22	0
Renewable Fuels Except Fuel Ethanol	--	84	--	3	-28	--	-12	18	13	39
Other Hydrocarbons	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	--	--	--	-8	--	-10	9	72	-79
Motor Gasoline Blend Comp. (MGBC)	--	0	--	3	325	-13	127	186	2	0
Reformulated	--	0	--	--	167	-87	46	34	--	0
Conventional	--	--	--	3	158	74	81	152	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>5</b>	<b>4,697</b>	<b>58</b>	<b>154</b>	<b>80</b>	<b>-16</b>	<b>--</b>	<b>61</b>	<b>4,949</b>
Finished Motor Gasoline	--	5	2,613	--	20	80	-31	--	8	2,742
Reformulated	--	--	346	--	--	100	--	--	--	446
Conventional	--	5	2,267	--	20	-20	-31	--	8	2,296
Finished Aviation Gasoline	--	--	0	0	2	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	--	267	--	41	--	17	--	0	291
Kerosene	--	--	1	--	--	--	-1	--	--	2
Distillate Fuel Oil	--	0	1,180	4	162	--	55	--	3	1,289
15 ppm sulfur and under	--	0	1,180	4	159	--	53	--	0	1,290
Greater than 15 ppm to 500 ppm sulfur	--	--	3	0	3	--	2	--	0	5
Greater than 500 ppm sulfur	--	--	-3	0	--	--	0	--	3	-6
Residual Fuel Oil	--	--	37	3	-25	--	-3	--	6	12
Less than 0.31 percent sulfur	--	--	4	--	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	8	0	-8	--	-4	--	NA	NA
Greater than 1.00 percent sulfur	--	--	25	3	-18	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	35	5	-2	--	0	--	--	38
Naphtha for Petro. Feed. Use	--	--	21	3	-2	--	0	--	--	22
Other Oils for Petro. Feed. Use	--	--	14	2	--	--	0	--	--	17
Special Naphthas	--	--	-1	0	2	--	-1	--	--	2
Lubricants	--	--	7	8	9	--	-2	--	6	19
Waxes	--	--	1	1	--	--	0	--	1	1
Petroleum Coke	--	--	208	1	-24	--	-3	--	29	159
Marketable	--	--	156	1	-24	--	-3	--	29	107
Catalyst	--	--	52	--	--	--	--	--	--	52
Asphalt and Road Oil	--	--	178	34	-30	--	-46	--	7	222
Still Gas	--	--	152	--	--	--	--	--	--	152
Miscellaneous Products	--	--	18	--	0	--	0	--	0	17
<b>Total</b>	<b>2,728</b>	<b>1,044</b>	<b>4,899</b>	<b>3,068</b>	<b>-1,461</b>	<b>-137</b>	<b>-82</b>	<b>4,655</b>	<b>603</b>	<b>4,964</b>

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>1,615</b>	--	--	<b>2,707</b>	<b>-773</b>	<b>78</b>	<b>-126</b>	<b>3,637</b>	<b>118</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>1,030</b>	<b>-20</b>	<b>128</b>	<b>80</b>	<b>-671</b>	--	<b>-14</b>	<b>80</b>	<b>303</b>	<b>179</b>
Natural Gas Liquids	1,030	-20	84	72	-641	--	-15	80	303	157
Ethane	376	--	--	--	-182	--	5	--	88	101
Propane	358	--	71	51	-403	--	-27	--	5	99
Normal Butane	121	--	15	15	-149	--	16	17	4	-35
Isobutane	61	--	-3	6	-8	--	1	45	0	10
Natural Gasoline	113	-20	--	0	101	--	-11	18	206	-19
Refinery Olefins	--	--	45	8	-31	--	0	--	--	22
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	43	6	-31	--	0	--	--	18
Normal Butylene	--	--	2	2	--	--	0	--	--	4
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>986</b>	<b>--</b>	<b>12</b>	<b>-432</b>	<b>-20</b>	<b>14</b>	<b>470</b>	<b>79</b>	<b>-17</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	986	--	2	-636	-17	-9	285	23	37
Hydrogen	--	--	--	--	--	37	--	37	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	986	--	2	-636	-55	-9	247	23	37
Fuel Ethanol	--	902	--	--	-605	-55	-8	233	17	0
Renewable Fuels Except Fuel Ethanol	--	84	--	2	-30	--	-1	14	7	37
Other Hydrocarbons	--	--	--	--	--	0	0	1	--	0
Unfinished Oils	--	--	--	0	-6	--	8	-12	53	-54
Motor Gasoline Blend Comp. (MGBC)	--	0	--	9	210	-3	16	197	3	0
Reformulated	--	0	--	--	74	-9	10	56	--	0
Conventional	--	--	--	9	136	6	6	142	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>4</b>	<b>4,278</b>	<b>48</b>	<b>109</b>	<b>58</b>	<b>28</b>	<b>--</b>	<b>36</b>	<b>4,434</b>
Finished Motor Gasoline	--	4	2,410	1	14	58	-17	--	8	2,496
Reformulated	--	--	323	--	--	17	--	--	--	339
Conventional	--	4	2,087	1	14	42	-17	--	8	2,156
Finished Aviation Gasoline	--	--	0	0	1	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	222	0	26	--	3	--	1	245
Kerosene	--	--	4	--	--	--	-1	--	0	5
Distillate Fuel Oil	--	0	1,075	5	139	--	20	--	3	1,197
15 ppm sulfur and under	--	0	1,074	5	137	--	19	--	0	1,198
Greater than 15 ppm to 500 ppm sulfur	--	--	3	0	2	--	1	--	1	4
Greater than 500 ppm sulfur	--	--	-2	0	--	--	1	--	2	-6
Residual Fuel Oil	--	--	34	5	-17	--	1	--	5	16
Less than 0.31 percent sulfur	--	--	2	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	11	1	-9	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	20	4	-8	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	31	5	-3	--	0	--	--	33
Naphtha for Petro. Feed. Use	--	--	19	3	-3	--	0	--	--	19
Other Oils for Petro. Feed. Use	--	--	12	2	0	--	0	--	--	14
Special Naphthas	--	--	0	0	1	--	0	--	--	1
Lubricants	--	--	6	7	7	--	0	--	6	14
Waxes	--	--	1	1	--	--	0	--	1	1
Petroleum Coke	--	--	176	1	-28	--	0	--	9	140
Marketable	--	--	130	1	-28	--	0	--	9	94
Catalyst	--	--	46	--	--	--	--	--	--	46
Asphalt and Road Oil	--	--	170	22	-31	--	22	--	3	135
Still Gas	--	--	135	--	--	--	--	--	--	135
Miscellaneous Products	--	--	15	--	0	--	0	--	0	15
<b>Total</b>	<b>2,645</b>	<b>970</b>	<b>4,407</b>	<b>2,847</b>	<b>-1,766</b>	<b>116</b>	<b>-99</b>	<b>4,187</b>	<b>535</b>	<b>4,596</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil<sup>6</sup></b>	<b>241,024</b>	--	--	<b>40,779</b>	<b>27,086</b>	<b>20,151</b>	<b>-23,713</b>	<b>258,213</b>	<b>94,539</b>	<b>0</b>	<b>864,615</b>
<b>Hydrocarbon Gas Liquids</b>	<b>93,917</b>	<b>-11</b>	<b>16,776</b>	<b>-</b>	<b>29,738</b>	<b>--</b>	<b>3,838</b>	<b>7,466</b>	<b>48,195</b>	<b>80,921</b>	<b>132,538</b>
Natural Gas Liquids	93,917	-11	9,701	-	29,280	--	3,749	7,466	48,195	73,477	131,403
Ethane	40,250	--	133	-	15,542	--	-2,065	--	7,198	50,792	56,297
Propane	28,477	--	4,928	-	9,368	--	1,615	--	32,859	8,299	29,045
Normal Butane	6,053	--	4,486	-	4,071	--	3,901	1,504	7,891	1,314	27,061
Isobutane	9,044	--	154	-	1,325	--	189	3,836	132	6,366	6,850
Natural Gasoline	10,093	-11	--	-	-1,026	--	109	2,126	116	6,705	12,150
Refinery Olefins	--	--	7,075	-	458	--	89	--	--	7,444	1,135
Ethylene	--	--	10	-	--	--	0	--	--	10	0
Propylene	--	--	7,219	-	458	--	6	--	--	7,671	651
Normal Butylene	--	--	-86	-	--	--	89	--	--	-175	456
Isobutylene	--	--	-68	-	--	--	-6	--	--	-62	28
<b>Other Liquids</b>	<b>--</b>	<b>1,885</b>	<b>--</b>	<b>18,775</b>	<b>-67,429</b>	<b>8,860</b>	<b>-5,535</b>	<b>-45,683</b>	<b>13,845</b>	<b>-537</b>	<b>131,805</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	1,885	--	4	4,434	4,531	-236	8,643	1,065	1,381	5,237
Hydrogen	--	--	--	--	--	3,806	--	3,806	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,885	--	--	4,434	729	-236	4,837	1,065	1,381	5,237
Fuel Ethanol	--	525	--	--	4,280	729	-12	4,534	1,011	0	4,035
Renewable Fuels Except Fuel Ethanol	--	1,361	--	--	153	--	-224	303	54	1,381	1,202
Other Hydrocarbons	--	--	--	4	--	-4	--	--	--	0	--
Unfinished Oils	--	--	--	16,709	243	--	1,449	6,480	10,922	-1,899	52,265
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	2,062	-72,106	4,329	-6,754	-60,819	1,858	0	74,276
Reformulated	--	--	--	--	-16,798	5,777	169	-11,197	7	0	11,352
Conventional	--	--	--	2,062	-55,308	-1,448	-6,923	-49,622	1,851	0	62,924
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	6	13	--	-19	27
<b>Finished Petroleum Products</b>	<b>--</b>	<b>8</b>	<b>217,645</b>	<b>7,153</b>	<b>-46,571</b>	<b>-5,058</b>	<b>-3,587</b>	<b>--</b>	<b>76,552</b>	<b>100,213</b>	<b>112,040</b>
Finished Motor Gasoline	--	0	68,132	--	-3,455	-5,058	-488	--	24,627	35,480	7,336
Reformulated	--	--	13,406	--	--	-4,976	--	--	--	8,430	--
Conventional	--	0	54,726	--	-3,455	-82	-488	--	24,627	27,050	7,336
Finished Aviation Gasoline	--	--	329	28	-95	--	-19	--	--	281	412
Kerosene-Type Jet Fuel	--	--	20,156	--	-13,081	--	-78	--	1,836	5,317	16,127
Kerosene	--	--	-22	--	--	--	-19	--	--	-3	155
Distillate Fuel Oil	--	8	85,717	--	-30,156	--	-3,313	--	33,986	24,897	50,100
15 ppm sulfur and under	--	8	79,512	--	-29,039	--	-2,771	--	29,946	23,307	43,061
Greater than 15 ppm to 500 ppm sulfur	--	0	2,740	--	-101	--	140	--	1,166	1,333	1,614
Greater than 500 ppm sulfur	--	--	3,465	--	-1,016	--	-682	--	2,874	257	5,425
Residual Fuel Oil	--	--	911	5,409	756	--	566	--	2,329	4,181	17,565
Less than 0.31 percent sulfur	--	--	670	--	--	--	-293	--	NA	NA	1,654
0.31 to 1.00 percent sulfur	--	--	653	375	227	--	105	--	NA	NA	5,077
Greater than 1.00 percent sulfur	--	--	-412	5,034	529	--	754	--	NA	NA	10,834
Petrochemical Feedstocks	--	--	7,707	331	22	--	-257	--	--	8,317	2,380
Naphtha for Petro. Feed. Use	--	--	5,029	286	22	--	-83	--	--	5,420	1,847
Other Oils for Petro. Feed. Use	--	--	2,678	45	--	--	-174	--	--	2,897	533
Special Naphthas	--	--	931	109	-50	--	-95	--	931	1,085	757
Lubricants	--	--	4,468	1,051	-958	--	306	--	2,908	1,347	7,173
Waxes	--	--	78	57	--	--	-30	--	23	142	233
Petroleum Coke	--	--	13,598	168	877	--	233	--	10,460	3,949	3,645
Marketable	--	--	10,364	168	877	--	233	--	10,460	715	3,645
Catalyst	--	--	3,234	--	--	--	--	--	--	3,234	--
Asphalt and Road Oil	--	--	2,672	--	-427	--	-385	--	365	2,264	5,752
Still Gas	--	--	11,429	--	--	--	--	--	--	11,429	--
Miscellaneous Products	--	--	1,539	--	-3	--	-8	--	18	1,526	405
<b>Total</b>	<b>334,941</b>	<b>1,883</b>	<b>234,421</b>	<b>66,707</b>	<b>-57,176</b>	<b>23,953</b>	<b>-28,997</b>	<b>219,996</b>	<b>233,132</b>	<b>180,598</b>	<b>1,240,998</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil<sup>6</sup></b>	<b>1,396,181</b>	--	--	<b>217,317</b>	<b>197,334</b>	<b>88,146</b>	<b>-32,309</b>	<b>1,423,022</b>	<b>508,265</b>	<b>0</b>	<b>864,615</b>
<b>Hydrocarbon Gas Liquids</b>	<b>530,898</b>	<b>-58</b>	<b>80,166</b>	<b>32</b>	<b>156,526</b>	--	<b>-26,400</b>	<b>50,714</b>	<b>302,143</b>	<b>441,107</b>	<b>132,538</b>
Natural Gas Liquids	530,898	-58	40,412	32	153,133	--	-26,222	50,714	302,143	397,750	131,403
Ethane	227,872	--	678	--	83,061	--	-5,418	--	37,895	279,134	56,297
Propane	164,339	--	26,870	--	51,285	--	-8,288	--	205,152	45,630	29,045
Normal Butane	37,055	--	13,337	--	21,698	--	-1,617	15,952	58,054	-299	27,061
Isobutane	49,012	--	-473	--	6,703	--	-2,575	19,792	582	37,443	6,850
Natural Gasoline	52,620	-58	--	--	-9,614	--	-8,324	14,970	459	35,843	12,150
Refinery Olefins	--	--	39,754	32	3,393	--	-178	--	--	43,357	1,135
Ethylene	--	--	32	--	--	--	0	--	--	32	--
Propylene	--	--	40,990	--	3,393	--	-299	--	--	44,682	651
Normal Butylene	--	--	-998	32	--	--	93	--	--	-1,059	456
Isobutylene	--	--	-270	--	--	--	28	--	--	-298	28
<b>Other Liquids</b>	<b>--</b>	<b>10,523</b>	<b>--</b>	<b>97,358</b>	<b>-322,351</b>	<b>37,931</b>	<b>7,227</b>	<b>-281,355</b>	<b>80,588</b>	<b>17,000</b>	<b>131,805</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	10,523	--	137	32,415	22,447	-190	48,011	11,590	6,110	5,237
Hydrogen	--	--	--	--	--	20,233	--	20,233	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	10,523	--	104	32,415	2,247	-190	27,778	11,590	6,110	5,237
Fuel Ethanol	--	2,761	--	--	31,575	2,247	-281	25,686	11,178	0	4,035
Renewable Fuels Except Fuel Ethanol	--	7,761	--	104	841	--	91	2,092	412	6,110	1,202
Other Hydrocarbons	--	--	--	33	--	-33	--	--	--	0	--
Unfinished Oils	--	--	--	81,027	1,247	--	8,601	4,881	57,822	10,970	52,265
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	16,194	-356,013	15,484	-1,180	-334,331	11,176	0	74,276
Reformulated	--	--	--	--	-66,996	30,998	516	-36,538	24	0	11,352
Conventional	--	--	--	16,194	-289,017	-15,514	-1,696	-297,793	11,152	0	62,924
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-4	84	--	-80	27
<b>Finished Petroleum Products</b>	<b>--</b>	<b>27</b>	<b>1,198,087</b>	<b>34,915</b>	<b>-244,305</b>	<b>-17,731</b>	<b>1,108</b>	<b>--</b>	<b>406,873</b>	<b>563,012</b>	<b>112,040</b>
Finished Motor Gasoline	--	0	384,175	1,191	-21,012	-17,731	-921	--	129,298	218,246	7,336
Reformulated	--	--	75,637	--	--	-29,478	--	--	--	46,159	--
Conventional	--	0	308,538	1,191	-21,012	11,748	-921	--	129,298	172,087	7,336
Finished Aviation Gasoline	--	--	1,425	130	-515	--	-11	--	--	1,051	412
Kerosene-Type Jet Fuel	--	--	110,800	--	-66,765	--	3,703	--	10,725	29,607	16,127
Kerosene	--	--	275	--	-473	--	-88	--	546	-656	155
Distillate Fuel Oil	--	27	465,496	1,486	-157,842	--	-3,005	--	167,174	144,998	50,100
15 ppm sulfur and under	--	27	430,893	1,086	-153,703	--	-4,370	--	144,426	138,247	43,061
Greater than 15 ppm to 500 ppm sulfur	--	0	17,392	--	-431	--	282	--	10,792	5,887	1,614
Greater than 500 ppm sulfur	--	--	17,211	400	-3,708	--	1,083	--	11,956	864	5,425
Residual Fuel Oil	--	--	7,913	19,710	2,999	--	1,398	--	13,663	15,561	17,565
Less than 0.31 percent sulfur	--	--	2,679	1,356	--	--	443	--	NA	NA	1,654
0.31 to 1.00 percent sulfur	--	--	3,576	935	1,548	--	1,267	--	NA	NA	5,077
Greater than 1.00 percent sulfur	--	--	1,658	17,419	1,451	--	-312	--	NA	NA	10,834
Petrochemical Feedstocks	--	--	42,574	2,068	454	--	98	--	--	44,998	2,380
Naphtha for Petro. Feed. Use	--	--	27,098	1,808	385	--	255	--	--	29,036	1,847
Other Oils for Petro. Feed. Use	--	--	15,476	260	69	--	-157	--	--	15,962	533
Special Naphthas	--	--	5,437	1,767	-188	--	-62	--	--	7,078	757
Lubricants	--	--	23,115	6,210	-3,718	--	141	--	14,313	11,153	7,173
Waxes	--	--	559	323	--	--	-21	--	161	742	233
Petroleum Coke	--	--	72,450	1,932	3,959	--	-1,011	--	68,329	11,023	3,645
Marketable	--	--	55,140	1,932	3,959	--	-1,011	--	68,329	-6,287	3,645
Catalyst	--	--	17,310	--	--	--	--	--	--	17,310	--
Asphalt and Road Oil	--	--	14,214	98	-1,172	--	785	--	2,574	9,782	5,752
Still Gas	--	--	61,183	--	--	--	--	--	--	61,183	--
Miscellaneous Products	--	--	8,471	--	-33	--	102	--	90	8,246	405
<b>Total</b>	<b>1,927,079</b>	<b>10,492</b>	<b>1,278,253</b>	<b>349,622</b>	<b>-212,796</b>	<b>108,346</b>	<b>-50,374</b>	<b>1,192,381</b>	<b>1,297,869</b>	<b>1,021,120</b>	<b>1,240,998</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil<sup>6</sup></b> .....	<b>8,034</b>	--	--	<b>1,359</b>	<b>903</b>	<b>672</b>	<b>-790</b>	<b>8,607</b>	<b>3,151</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>3,131</b>	<b>0</b>	<b>559</b>	--	<b>991</b>	--	<b>128</b>	<b>249</b>	<b>1,607</b>	<b>2,697</b>
Natural Gas Liquids .....	3,131	0	323	--	976	--	125	249	1,607	2,449
Ethane .....	1,342	--	4	--	518	--	-69	--	240	1,693
Propane .....	949	--	164	--	312	--	54	--	1,095	277
Normal Butane .....	202	--	150	--	136	--	130	50	263	44
Isobutane .....	301	--	5	--	44	--	6	128	4	212
Natural Gasoline .....	336	0	--	--	-34	--	4	71	4	224
Refinery Olefins .....	--	--	236	--	15	--	3	--	--	248
Ethylene .....	--	--	0	--	--	--	0	--	--	0
Propylene .....	--	--	241	--	15	--	0	--	--	256
Normal Butylene .....	--	--	-3	--	--	--	3	--	--	-6
Isobutylene .....	--	--	-2	--	--	--	0	--	--	-2
<b>Other Liquids</b> .....	--	<b>63</b>	--	<b>626</b>	<b>-2,248</b>	<b>295</b>	<b>-184</b>	<b>-1,523</b>	<b>462</b>	<b>-18</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	--	63	--	0	148	151	-8	288	36	46
Hydrogen .....	--	--	--	--	--	127	--	127	--	0
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	--	63	--	--	148	24	-8	161	36	46
Fuel Ethanol .....	--	17	--	--	143	24	0	151	34	0
Renewable Fuels Except Fuel Ethanol .....	--	45	--	--	5	--	-7	10	2	46
Other Hydrocarbons .....	--	--	--	0	--	0	--	--	--	0
Unfinished Oils .....	--	--	--	557	8	--	48	216	364	-63
Motor Gasoline Blend Comp. (MGBC) .....	--	--	--	69	-2,404	144	-225	-2,027	62	0
Reformulated .....	--	--	--	--	-560	193	6	-373	0	0
Conventional .....	--	--	--	69	-1,844	-48	-231	-1,654	62	0
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	0	0	--	-1
<b>Finished Petroleum Products</b> .....	--	<b>0</b>	<b>7,255</b>	<b>238</b>	<b>-1,552</b>	<b>-169</b>	<b>-120</b>	--	<b>2,552</b>	<b>3,340</b>
Finished Motor Gasoline .....	--	0	2,271	--	-115	-169	-16	--	821	1,183
Reformulated .....	--	--	447	--	--	-166	--	--	--	281
Conventional .....	--	0	1,824	--	-115	-3	-16	--	821	902
Finished Aviation Gasoline .....	--	--	11	1	-3	--	-1	--	--	9
Kerosene-Type Jet Fuel .....	--	--	672	--	-436	--	-3	--	61	177
Kerosene .....	--	--	-1	--	--	--	-1	--	--	0
Distillate Fuel Oil .....	--	0	2,857	--	-1,005	--	-110	--	1,133	830
15 ppm sulfur and under .....	--	0	2,650	--	-968	--	-92	--	998	777
Greater than 15 ppm to 500 ppm sulfur .....	--	0	91	--	-3	--	5	--	39	44
Greater than 500 ppm sulfur .....	--	--	116	--	-34	--	-23	--	96	9
Residual Fuel Oil .....	--	--	30	180	25	--	19	--	78	139
Less than 0.31 percent sulfur .....	--	--	22	--	--	--	-10	--	NA	NA
0.31 to 1.00 percent sulfur .....	--	--	22	13	8	--	4	--	NA	NA
Greater than 1.00 percent sulfur .....	--	--	-14	168	18	--	25	--	NA	NA
Petrochemical Feedstocks .....	--	--	257	11	1	--	-9	--	--	277
Naphtha for Petro. Feed. Use .....	--	--	168	10	1	--	-3	--	--	181
Other Oils for Petro. Feed. Use .....	--	--	89	2	--	--	-6	--	--	97
Special Naphthas .....	--	--	31	4	-2	--	-3	--	--	36
Lubricants .....	--	--	149	35	-32	--	10	--	97	45
Waxes .....	--	--	3	2	--	--	-1	--	1	5
Petroleum Coke .....	--	--	453	6	29	--	8	--	349	132
Marketable .....	--	--	345	6	29	--	8	--	349	24
Catalyst .....	--	--	108	--	--	--	--	--	--	108
Asphalt and Road Oil .....	--	--	89	--	-14	--	-13	--	12	75
Still Gas .....	--	--	381	--	--	--	--	--	--	381
Miscellaneous Products .....	--	--	51	--	0	--	0	--	1	51
<b>Total</b> .....	<b>11,165</b>	<b>63</b>	<b>7,814</b>	<b>2,224</b>	<b>-1,906</b>	<b>798</b>	<b>-967</b>	<b>7,333</b>	<b>7,771</b>	<b>6,020</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil<sup>6</sup></b>	<b>7,714</b>	--	--	<b>1,201</b>	<b>1,090</b>	<b>487</b>	<b>-179</b>	<b>7,862</b>	<b>2,808</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>2,933</b>	<b>0</b>	<b>443</b>	<b>0</b>	<b>865</b>	--	<b>-146</b>	<b>280</b>	<b>1,669</b>	<b>2,437</b>
Natural Gas Liquids	2,933	0	223	--	846	--	-145	280	1,669	2,198
Ethane	1,259	--	4	--	459	--	-30	--	209	1,542
Propane	908	--	148	--	283	--	-46	--	1,133	252
Normal Butane	205	--	74	--	120	--	-9	88	321	-2
Isobutane	271	--	-3	--	37	--	-14	109	3	207
Natural Gasoline	291	0	--	--	-53	--	-46	83	3	198
Refinery Olefins	--	--	220	0	19	--	-1	--	--	240
Ethylene	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	226	--	19	--	-2	--	--	247
Normal Butylene	--	--	-6	0	--	--	1	--	--	-6
Isobutylene	--	--	-1	--	--	--	0	--	--	-2
<b>Other Liquids</b>	--	<b>58</b>	--	<b>538</b>	<b>-1,781</b>	<b>210</b>	<b>40</b>	<b>-1,554</b>	<b>445</b>	<b>94</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	58	--	1	179	124	-1	265	64	34
Hydrogen	--	--	--	--	--	112	--	112	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	58	--	1	179	12	-1	153	64	34
Fuel Ethanol	--	15	--	--	174	12	-2	142	62	0
Renewable Fuels Except Fuel Ethanol	--	43	--	1	5	--	1	12	2	34
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	448	7	--	48	27	319	61
Motor Gasoline Blend Comp. (MGBC)	--	--	--	89	-1,967	86	-7	-1,847	62	0
Reformulated	--	--	--	--	-370	171	3	-202	0	0
Conventional	--	--	--	89	-1,597	-86	-9	-1,645	62	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
<b>Finished Petroleum Products</b>	--	<b>0</b>	<b>6,619</b>	<b>193</b>	<b>-1,350</b>	<b>-98</b>	<b>6</b>	--	<b>2,248</b>	<b>3,111</b>
Finished Motor Gasoline	--	0	2,123	7	-116	-98	-5	--	714	1,206
Reformulated	--	--	418	--	--	-163	--	--	--	255
Conventional	--	0	1,705	7	-116	65	-5	--	714	951
Finished Aviation Gasoline	--	--	8	1	-3	--	0	--	--	6
Kerosene-Type Jet Fuel	--	--	612	--	-369	--	20	--	59	164
Kerosene	--	--	2	--	-3	--	0	--	3	-4
Distillate Fuel Oil	--	0	2,572	8	-872	--	-17	--	924	801
15 ppm sulfur and under	--	0	2,381	6	-849	--	-24	--	798	764
Greater than 15 ppm to 500 ppm sulfur	--	0	96	--	-2	--	2	--	60	33
Greater than 500 ppm sulfur	--	--	95	2	-20	--	6	--	66	5
Residual Fuel Oil	--	--	44	109	17	--	8	--	75	86
Less than 0.31 percent sulfur	--	--	15	7	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	20	5	9	--	7	--	NA	NA
Greater than 1.00 percent sulfur	--	--	9	96	8	--	-2	--	NA	NA
Petrochemical Feedstocks	--	--	235	11	3	--	1	--	--	249
Naphtha for Petro. Feed. Use	--	--	150	10	2	--	1	--	--	160
Other Oils for Petro. Feed. Use	--	--	86	1	0	--	-1	--	--	88
Special Naphthas	--	--	30	10	-1	--	0	--	--	39
Lubricants	--	--	128	34	-21	--	1	--	79	62
Waxes	--	--	3	2	--	--	0	--	1	4
Petroleum Coke	--	--	400	11	22	--	-6	--	378	61
Marketable	--	--	305	11	22	--	-6	--	378	-35
Catalyst	--	--	96	--	--	--	--	--	--	96
Asphalt and Road Oil	--	--	79	1	-6	--	4	--	14	54
Still Gas	--	--	338	--	--	--	--	--	--	338
Miscellaneous Products	--	--	47	--	0	--	1	--	0	46
<b>Total</b>	<b>10,647</b>	<b>58</b>	<b>7,062</b>	<b>1,932</b>	<b>-1,176</b>	<b>599</b>	<b>-278</b>	<b>6,588</b>	<b>7,171</b>	<b>5,642</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

<sup>6</sup> Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>22,807</b>	--	--	<b>12,768</b>	<b>-17,428</b>	<b>-2,336</b>	<b>-795</b>	<b>16,606</b>	--	<b>0</b>	<b>24,515</b>
<b>Hydrocarbon Gas Liquids</b>	<b>16,455</b>	-7	<b>436</b>	<b>239</b>	<b>-9,403</b>	--	<b>550</b>	<b>372</b>	<b>93</b>	<b>6,706</b>	<b>6,676</b>
Natural Gas Liquids	16,455	-7	292	239	-9,403	--	574	372	93	6,538	6,549
Ethane	5,347	--	--	--	-3,849	--	30	--	--	1,468	1,319
Propane	5,588	--	217	206	-2,728	--	137	--	3	3,143	2,176
Normal Butane	2,085	--	109	33	-619	--	415	93	10	1,090	1,942
Isobutane	1,114	--	-34	--	-1,046	--	-28	156	--	-94	392
Natural Gasoline	2,321	-7	--	--	-1,161	--	20	123	79	931	720
Refinery Olefins	--	--	144	--	--	--	-24	--	--	168	127
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	43	--	--	--	-1	--	--	44	2
Normal Butylene	--	--	101	--	--	--	-23	--	--	124	125
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	<b>--</b>	<b>276</b>	<b>--</b>	<b>74</b>	<b>1,772</b>	<b>-555</b>	<b>-852</b>	<b>2,231</b>	<b>35</b>	<b>152</b>	<b>9,137</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	276	--	3	569	336	-67	1,156	34	60	410
Hydrogen	--	--	--	--	--	181	--	181	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	276	--	3	569	155	-67	975	34	60	410
Fuel Ethanol	--	276	--	--	533	155	7	939	18	0	363
Renewable Fuels Except Fuel Ethanol	--	0	--	3	36	--	-74	36	16	60	47
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	21	--	--	41	-112	0	92	3,871
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	50	1,203	-891	-826	1,187	1	0	4,856
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	50	1,203	-891	-826	1,187	1	0	4,856
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>19,405</b>	<b>227</b>	<b>-547</b>	<b>736</b>	<b>-1,276</b>	<b>--</b>	<b>21</b>	<b>21,076</b>	<b>7,481</b>
Finished Motor Gasoline	--	--	9,954	--	-430	736	-270	--	1	10,529	1,306
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	9,954	--	-430	736	-270	--	1	10,529	1,306
Finished Aviation Gasoline	--	--	5	2	--	--	-1	--	--	8	8
Kerosene-Type Jet Fuel	--	--	968	25	424	--	-210	--	--	1,627	543
Kerosene	--	--	--	--	--	--	0	--	--	0	1
Distillate Fuel Oil	--	0	5,657	144	198	--	-452	--	0	6,451	3,342
15 ppm sulfur and under	--	0	5,597	144	198	--	-450	--	0	6,389	3,138
Greater than 15 ppm to 500 ppm sulfur	--	--	46	--	--	--	-17	--	--	63	150
Greater than 500 ppm sulfur	--	--	14	--	--	--	15	--	--	-1	54
Residual Fuel Oil	--	--	364	--	--	--	14	--	11	339	221
Less than 0.31 percent sulfur	--	--	174	--	--	--	1	--	NA	NA	30
0.31 to 1.00 percent sulfur	--	--	22	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	168	--	--	--	13	--	NA	NA	187
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	6	-6	--
Waxes	--	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	658	--	-295	--	13	--	0	350	238
Marketable	--	--	437	--	-295	--	13	--	0	129	238
Catalyst	--	--	221	--	--	--	--	--	--	221	--
Asphalt and Road Oil	--	--	1,002	55	-444	--	-374	--	3	984	1,808
Still Gas	--	--	681	--	--	--	--	--	--	681	--
Miscellaneous Products	--	--	116	1	--	--	4	--	--	113	14
<b>Total</b>	<b>39,262</b>	<b>269</b>	<b>19,841</b>	<b>13,308</b>	<b>-25,605</b>	<b>-2,155</b>	<b>-2,373</b>	<b>19,209</b>	<b>149</b>	<b>27,934</b>	<b>47,809</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biojiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>137,045</b>	--	--	<b>72,290</b>	<b>-98,796</b>	<b>-10,237</b>	<b>287</b>	<b>100,015</b>	--	<b>0</b>	<b>24,515</b>
<b>Hydrocarbon Gas Liquids</b>	<b>92,922</b>	<b>-40</b>	<b>1,811</b>	<b>2,563</b>	<b>-53,499</b>	--	<b>184</b>	<b>2,567</b>	<b>553</b>	<b>40,453</b>	<b>6,676</b>
Natural Gas Liquids	92,922	-40	1,188	2,563	-53,499	--	230	2,567	553	39,784	6,549
Ethane	28,246	--	--	--	-20,528	--	387	--	--	7,331	1,319
Propane	32,900	--	1,312	2,090	-16,038	--	-641	--	12	20,893	2,176
Normal Butane	12,482	--	-67	425	-6,143	--	580	978	46	5,093	1,942
Isobutane	6,338	--	-57	48	-4,180	--	-44	866	0	1,327	392
Natural Gasoline	12,956	-40	--	--	-6,610	--	-52	723	495	5,140	720
Refinery Olefins	--	--	623	--	--	--	-46	--	--	669	127
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	208	--	--	--	2	--	--	206	2
Normal Butylene	--	--	415	--	--	--	-48	--	--	463	125
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	--	<b>2,887</b>	--	<b>569</b>	<b>6,376</b>	<b>-3,166</b>	<b>-497</b>	<b>5,267</b>	<b>99</b>	<b>1,796</b>	<b>9,137</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	2,887	--	233	2,452	2,283	-17	6,682	97	1,092	410
Hydrogen	--	--	--	--	--	1,132	--	1,132	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	2,887	--	233	2,452	1,151	-17	5,550	97	1,092	410
Fuel Ethanol	--	1,651	--	--	2,312	1,151	-53	5,113	54	0	363
Renewable Fuels Except Fuel Ethanol	--	1,236	--	233	140	--	36	437	44	1,092	47
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	80	--	--	1,183	-1,807	1	703	3,871
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	256	3,924	-5,449	-1,663	392	2	0	4,856
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	256	3,924	-5,449	-1,663	392	2	0	4,856
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>-1</b>	<b>109,614</b>	<b>1,604</b>	<b>-3,182</b>	<b>4,298</b>	<b>-1,068</b>	--	<b>133</b>	<b>113,268</b>	<b>7,481</b>
Finished Motor Gasoline	--	--	54,721	--	-2,275	4,298	-832	--	6	57,570	1,306
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	54,721	--	-2,275	4,298	-832	--	6	57,570	1,306
Finished Aviation Gasoline	--	--	30	29	--	--	1	--	--	58	8
Kerosene-Type Jet Fuel	--	--	5,294	315	2,973	--	-23	--	--	8,605	543
Kerosene	--	--	--	--	--	--	-1	--	--	1	1
Distillate Fuel Oil	--	-1	33,187	926	622	--	-773	--	0	35,507	3,342
15 ppm sulfur and under	--	-1	32,847	926	622	--	-786	--	0	35,180	3,138
Greater than 15 ppm to 500 ppm sulfur	--	--	340	--	--	--	-3	--	--	343	150
Greater than 500 ppm sulfur	--	--	0	--	--	--	16	--	--	-16	54
Residual Fuel Oil	--	--	2,054	--	--	--	42	--	46	1,966	221
Less than 0.31 percent sulfur	--	--	1,072	--	--	--	7	--	NA	NA	30
0.31 to 1.00 percent sulfur	--	--	118	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	864	--	--	--	35	--	NA	NA	187
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	72	-72	--
Waxes	--	--	--	--	--	--	--	--	1	-1	--
Petroleum Coke	--	--	3,732	--	-1,648	--	42	--	0	2,042	238
Marketable	--	--	2,518	--	-1,648	--	42	--	0	828	238
Catalyst	--	--	1,214	--	--	--	--	--	--	1,214	--
Asphalt and Road Oil	--	--	6,359	328	-2,854	--	478	--	8	3,347	1,808
Still Gas	--	--	3,648	--	--	--	--	--	--	3,648	--
Miscellaneous Products	--	--	589	6	--	--	-2	--	--	597	14
<b>Total</b>	<b>229,967</b>	<b>2,845</b>	<b>111,425</b>	<b>77,026</b>	<b>-149,101</b>	<b>-9,105</b>	<b>-1,094</b>	<b>107,849</b>	<b>786</b>	<b>155,516</b>	<b>47,809</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, bioiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>760</b>	<b>--</b>	<b>--</b>	<b>426</b>	<b>-581</b>	<b>-78</b>	<b>-27</b>	<b>554</b>	<b>-</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>549</b>	<b>0</b>	<b>15</b>	<b>8</b>	<b>-313</b>	<b>--</b>	<b>18</b>	<b>12</b>	<b>3</b>	<b>224</b>
Natural Gas Liquids	549	0	10	8	-313	--	19	12	3	218
Ethane	178	--	--	--	-128	--	1	--	--	49
Propane	186	--	7	7	-91	--	5	--	0	105
Normal Butane	70	--	4	1	-21	--	14	3	0	36
Isobutane	37	--	-1	--	-35	--	-1	5	--	-3
Natural Gasoline	77	0	--	--	-39	--	1	4	3	31
Refinery Olefins	--	--	5	--	--	--	-1	--	--	6
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	3	--	--	--	-1	--	--	4
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>9</b>	<b>--</b>	<b>2</b>	<b>59</b>	<b>-19</b>	<b>-28</b>	<b>74</b>	<b>1</b>	<b>5</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	9	--	0	19	11	-2	39	1	2
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	9	--	0	19	5	-2	33	1	2
Fuel Ethanol	--	9	--	--	18	5	0	31	1	0
Renewable Fuels Except Fuel Ethanol	--	0	--	0	1	--	-2	1	1	2
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1	--	--	1	-4	0	3
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	2	40	-30	-28	40	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	2	40	-30	-28	40	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>647</b>	<b>8</b>	<b>-18</b>	<b>25</b>	<b>-43</b>	<b>--</b>	<b>1</b>	<b>703</b>
Finished Motor Gasoline	--	--	332	--	-14	25	-9	--	0	351
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	332	--	-14	25	-9	--	0	351
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	--
Kerosene-Type Jet Fuel	--	--	32	1	14	--	-7	--	--	54
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	0	189	5	7	--	-15	--	0	215
15 ppm sulfur and under	--	0	187	5	7	--	-15	--	0	213
Greater than 15 ppm to 500 ppm sulfur	--	--	2	--	--	--	-1	--	--	2
Greater than 500 ppm sulfur	--	--	0	--	--	--	1	--	--	0
Residual Fuel Oil	--	--	12	--	--	--	0	--	0	11
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	--	--
Petroleum Coke	--	--	22	--	-10	--	0	--	0	12
Marketable	--	--	15	--	-10	--	0	--	0	4
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	33	2	-15	--	-12	--	0	33
Still Gas	--	--	23	--	--	--	--	--	--	23
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4
<b>Total</b>	<b>1,309</b>	<b>9</b>	<b>661</b>	<b>444</b>	<b>-854</b>	<b>-72</b>	<b>-79</b>	<b>640</b>	<b>5</b>	<b>931</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>757</b>	--	--	<b>399</b>	<b>-546</b>	<b>-57</b>	<b>2</b>	<b>553</b>	--	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>513</b>	<b>0</b>	<b>10</b>	<b>14</b>	<b>-296</b>	--	<b>1</b>	<b>14</b>	<b>3</b>	<b>223</b>
Natural Gas Liquids	513	0	7	14	-296	--	1	14	3	220
Ethane	156	--	--	--	-113	--	2	--	--	41
Propane	182	--	7	12	-89	--	-4	--	0	115
Normal Butane	69	--	0	2	-34	--	3	5	0	28
Isobutane	35	--	0	0	-23	--	0	5	0	7
Natural Gasoline	72	0	--	--	-37	--	0	4	3	28
Refinery Olefins	--	--	3	--	--	--	0	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	2	--	--	--	0	--	--	3
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>16</b>	<b>--</b>	<b>3</b>	<b>35</b>	<b>-17</b>	<b>-3</b>	<b>29</b>	<b>1</b>	<b>10</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	16	--	1	14	13	0	37	1	6
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	16	--	1	14	6	0	31	1	6
Fuel Ethanol	--	9	--	--	13	6	0	28	0	0
Renewable Fuels Except Fuel Ethanol	--	7	--	1	1	--	0	2	0	6
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	0	--	--	7	-10	0	4
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	1	22	-30	-9	2	0	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	1	22	-30	-9	2	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>0</b>	<b>606</b>	<b>9</b>	<b>-18</b>	<b>24</b>	<b>-6</b>	<b>--</b>	<b>1</b>	<b>626</b>
Finished Motor Gasoline	--	--	302	--	-13	24	-5	--	0	318
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	302	--	-13	24	-5	--	0	318
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	29	2	16	--	0	--	--	48
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	0	183	5	3	--	-4	--	0	196
15 ppm sulfur and under	--	0	181	5	3	--	-4	--	0	194
Greater than 15 ppm to 500 ppm sulfur	--	--	2	--	--	--	0	--	--	2
Greater than 500 ppm sulfur	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	11	--	--	--	0	--	0	11
Less than 0.31 percent sulfur	--	--	6	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	21	--	-9	--	0	--	0	11
Marketable	--	--	14	--	-9	--	0	--	0	5
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	35	2	-16	--	3	--	0	18
Still Gas	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	3	0	--	--	0	--	--	3
<b>Total</b>	<b>1,271</b>	<b>16</b>	<b>616</b>	<b>426</b>	<b>-824</b>	<b>-50</b>	<b>-6</b>	<b>596</b>	<b>4</b>	<b>859</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>24,375</b>	--	--	<b>39,483</b>	<b>3,137</b>	<b>1,220</b>	<b>-135</b>	<b>67,304</b>	<b>1,046</b>	<b>0</b>	<b>47,846</b>
<b>Hydrocarbon Gas Liquids</b>	<b>1,702</b>	<b>-6</b>	<b>2,035</b>	<b>1,213</b>	<b>496</b>	--	<b>113</b>	<b>1,755</b>	<b>1,839</b>	<b>1,732</b>	<b>3,618</b>
Natural Gas Liquids	1,702	-6	1,926	1,213	496	--	133	1,755	1,839	1,603	3,519
Ethane	2	--	--	--	--	--	--	--	0	2	--
Propane	251	--	1,039	557	283	--	109	--	782	1,239	1,405
Normal Butane	392	--	792	652	178	--	4	420	1,029	561	1,620
Isobutane	245	--	95	4	35	--	11	607	--	-239	433
Natural Gasoline	812	-6	--	--	--	--	9	728	28	41	61
Refinery Olefins	--	--	109	--	--	--	-20	--	--	129	99
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	159	--	--	--	2	--	--	157	10
Normal Butylene	--	--	-50	--	--	--	-22	--	--	-28	89
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	<b>--</b>	<b>814</b>	<b>--</b>	<b>7,839</b>	<b>10,047</b>	<b>-1,693</b>	<b>1,978</b>	<b>12,832</b>	<b>458</b>	<b>1,738</b>	<b>51,862</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	814	--	1,539	5,667	831	827	6,772	341	911	4,992
Hydrogen	--	--	--	--	--	1,347	--	1,347	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	814	--	1,539	5,667	-516	827	5,425	341	911	4,992
Fuel Ethanol	--	240	--	300	5,099	-516	317	4,637	169	0	2,685
Renewable Fuels Except Fuel Ethanol	--	575	--	1,239	567	--	510	788	172	911	2,307
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	3,828	--	--	1,231	1,735	35	827	19,987
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2,472	4,380	-2,524	-80	4,325	83	0	26,882
Reformulated	--	0	--	--	1,876	-433	538	905	0	0	13,471
Conventional	--	--	--	2,472	2,504	-2,092	-618	3,420	82	0	13,411
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>31</b>	<b>83,880</b>	<b>5,125</b>	<b>2,383</b>	<b>3,040</b>	<b>-1,186</b>	<b>--</b>	<b>8,915</b>	<b>86,731</b>	<b>35,097</b>
Finished Motor Gasoline	--	24	45,192	921	142	3,040	-511	--	1,150	48,680	2,083
Reformulated	--	--	31,958	--	--	877	-2	--	--	32,837	16
Conventional	--	24	13,234	921	142	2,163	-509	--	1,150	15,843	2,067
Finished Aviation Gasoline	--	--	23	2	--	--	-25	--	--	50	312
Kerosene-Type Jet Fuel	--	9	10,678	2,456	257	--	-277	--	625	13,051	9,526
Kerosene	--	--	4	--	--	--	1	--	--	3	8
Distillate Fuel Oil	--	-1	15,906	752	1,343	--	235	--	3,115	14,650	13,334
15 ppm sulfur and under	--	-1	15,385	437	1,343	--	234	--	1,300	15,630	12,397
Greater than 15 ppm to 500 ppm sulfur	--	--	214	315	--	--	-2	--	753	-222	294
Greater than 500 ppm sulfur	--	--	307	--	--	--	3	--	1,061	-757	643
Residual Fuel Oil	--	--	2,837	869	--	--	-339	--	771	3,274	5,385
Less than 0.31 percent sulfur	--	--	76	--	--	--	-14	--	NA	NA	2,075
0.31 to 1.00 percent sulfur	--	--	520	268	--	--	-137	--	NA	NA	513
Greater than 1.00 percent sulfur	--	--	2,241	601	--	--	-188	--	NA	NA	2,797
Petrochemical Feedstocks	--	--	--	43	--	--	0	--	--	43	2
Naphtha for Petro. Feed. Use	--	--	--	43	--	--	0	--	--	43	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	33	--	--	--	29	--	--	4	60
Lubricants	--	--	644	30	--	--	108	--	461	105	852
Waxes	--	--	--	12	--	--	--	--	3	9	--
Petroleum Coke	--	--	3,915	--	76	--	-91	--	2,758	1,324	1,006
Marketable	--	--	3,022	--	76	--	-91	--	2,758	431	1,006
Catalyst	--	--	893	--	--	--	--	--	--	893	--
Asphalt and Road Oil	--	--	858	40	565	--	-305	--	31	1,737	2,447
Still Gas	--	--	3,458	--	--	--	--	--	--	3,458	--
Miscellaneous Products	--	--	332	--	--	--	-11	--	0	343	82
<b>Total</b>	<b>26,077</b>	<b>840</b>	<b>85,915</b>	<b>53,660</b>	<b>16,063</b>	<b>2,567</b>	<b>770</b>	<b>81,891</b>	<b>12,259</b>	<b>90,201</b>	<b>138,423</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biojiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>	
<b>Crude Oil</b>	<b>149,484</b>	--	--	<b>195,305</b>	<b>25,781</b>	<b>6,811</b>	<b>2,680</b>	<b>367,128</b>	<b>7,572</b>	<b>0</b>	<b>47,846</b>
<b>Hydrocarbon Gas Liquids</b>	<b>10,957</b>	<b>-28</b>	<b>7,836</b>	<b>8,727</b>	<b>4,847</b>	--	<b>-635</b>	<b>12,863</b>	<b>9,054</b>	<b>11,057</b>	<b>3,618</b>
Natural Gas Liquids	10,957	-28	6,714	8,727	4,847	--	-721	12,863	9,054	10,021	3,519
Ethane	4	--	--	--	--	--	--	--	0	4	--
Propane	1,479	--	5,722	5,612	2,134	--	-738	--	5,013	10,672	1,405
Normal Butane	2,555	--	670	3,110	1,858	--	-66	4,079	3,916	264	1,620
Isobutane	1,573	--	322	5	855	--	61	3,888	3	-1,197	433
Natural Gasoline	5,346	-28	--	--	--	--	22	4,896	121	279	61
Refinery Olefins	--	--	1,122	--	--	--	86	--	--	1,036	99
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1,009	--	--	--	-1	--	--	1,010	10
Normal Butylene	--	--	113	--	--	--	87	--	--	26	89
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
<b>Other Liquids</b>	--	<b>3,788</b>	--	<b>24,509</b>	<b>55,711</b>	<b>-3,759</b>	<b>1,820</b>	<b>66,717</b>	<b>2,718</b>	<b>8,994</b>	<b>51,862</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	3,789	--	6,048	28,577	7,252	366	37,502	1,635	6,161	4,992
Hydrogen	--	--	--	--	--	7,635	--	7,635	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	3,789	--	6,048	28,577	-383	366	29,867	1,635	6,161	4,992
Fuel Ethanol	--	1,517	--	300	25,279	-383	-305	25,813	1,204	0	2,685
Renewable Fuels Except Fuel Ethanol	--	2,272	--	5,748	3,298	--	671	4,054	432	6,161	2,307
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	11,195	--	--	2,974	5,155	233	2,833	19,987
Motor Gasoline Blend.Comp. (MGC)	--	0	--	7,266	27,134	-11,010	-1,521	24,060	850	0	26,882
Reformulated	--	0	--	--	11,555	-1,334	-1,999	12,210	10	0	13,471
Conventional	--	0	--	7,266	15,579	-9,677	478	11,850	840	0	13,411
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	--	<b>180</b>	<b>466,269</b>	<b>27,849</b>	<b>14,799</b>	<b>11,394</b>	<b>-811</b>	--	<b>45,519</b>	<b>475,782</b>	<b>35,097</b>
Finished Motor Gasoline	--	148	256,414	3,575	1,011	11,394	-914	--	8,764	264,691	2,083
Reformulated	--	--	178,709	--	--	2,545	-2	--	--	181,256	16
Conventional	--	148	77,705	3,575	1,011	8,848	-912	--	8,764	83,435	2,067
Finished Aviation Gasoline	--	--	217	10	--	--	12	--	--	215	312
Kerosene-Type Jet Fuel	--	43	54,076	15,767	1,544	--	581	--	2,567	68,283	9,526
Kerosene	--	--	51	--	--	--	-5	--	183	-127	8
Distillate Fuel Oil	--	-11	92,486	3,782	8,655	--	-1,243	--	11,560	94,594	13,334
15 ppm sulfur and under	--	-11	88,048	2,839	8,655	--	-1,184	--	8,273	92,442	12,397
Greater than 15 ppm to 500 ppm sulfur	--	--	2,552	943	--	--	80	--	1,454	1,961	294
Greater than 500 ppm sulfur	--	--	1,886	--	--	--	-139	--	1,834	191	643
Residual Fuel Oil	--	--	13,016	3,807	--	--	640	--	3,395	12,788	5,385
Less than 0.31 percent sulfur	--	--	466	--	--	--	1,223	--	NA	NA	2,075
0.31 to 1.00 percent sulfur	--	--	3,465	1,942	--	--	-9	--	NA	NA	513
Greater than 1.00 percent sulfur	--	--	9,085	1,865	--	--	-574	--	NA	NA	2,797
Petrochemical Feedstocks	--	--	--	163	--	--	0	--	--	163	2
Naphtha for Petro. Feed. Use	--	--	--	163	--	--	0	--	--	163	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	227	--	--	--	12	--	--	215	60
Lubricants	--	--	3,168	187	-322	--	-42	--	2,249	826	852
Waxes	--	--	--	143	--	--	--	--	23	120	--
Petroleum Coke	--	--	21,823	--	740	--	-210	--	16,612	6,161	1,006
Marketable	--	--	16,690	--	740	--	-210	--	16,612	1,028	1,006
Catalyst	--	--	5,133	--	--	--	--	--	--	5,133	--
Asphalt and Road Oil	--	--	4,320	415	3,171	--	361	--	166	7,380	2,447
Still Gas	--	--	18,472	--	--	--	--	--	--	18,472	--
Miscellaneous Products	--	--	1,999	--	--	--	-3	--	1	2,001	82
<b>Total</b>	<b>160,441</b>	<b>3,940</b>	<b>474,105</b>	<b>256,390</b>	<b>101,137</b>	<b>14,446</b>	<b>3,054</b>	<b>446,708</b>	<b>64,864</b>	<b>495,834</b>	<b>138,423</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biojetel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>812</b>	<b>--</b>	<b>--</b>	<b>1,316</b>	<b>105</b>	<b>41</b>	<b>-5</b>	<b>2,243</b>	<b>35</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>57</b>	<b>0</b>	<b>68</b>	<b>40</b>	<b>17</b>	<b>--</b>	<b>4</b>	<b>59</b>	<b>61</b>	<b>58</b>
Natural Gas Liquids	57	0	64	40	17	--	4	59	61	53
Ethane	0	--	--	--	--	--	--	--	0	0
Propane	8	--	35	19	9	--	4	--	26	41
Normal Butane	13	--	26	22	6	--	0	14	34	19
Isobutane	8	--	3	0	1	--	0	20	--	-8
Natural Gasoline	27	0	--	--	--	--	0	24	1	1
Refinery Olefins	--	--	4	--	--	--	-1	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	5	--	--	--	0	--	--	5
Normal Butylene	--	--	-2	--	--	--	-1	--	--	-1
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>27</b>	<b>--</b>	<b>261</b>	<b>335</b>	<b>-56</b>	<b>66</b>	<b>428</b>	<b>15</b>	<b>58</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	27	--	51	189	28	28	226	11	30
Hydrogen	--	--	--	--	--	45	--	45	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	27	--	51	189	-17	28	181	11	30
Fuel Ethanol	--	8	--	10	170	-17	11	155	6	0
Renewable Fuels Except Fuel Ethanol	--	19	--	41	19	--	17	26	6	30
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	128	--	--	41	58	1	28
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	82	146	-84	-3	144	3	0
Reformulated	--	0	--	--	63	-14	18	30	0	0
Conventional	--	--	--	82	83	-70	-21	114	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>1</b>	<b>2,796</b>	<b>171</b>	<b>79</b>	<b>101</b>	<b>-40</b>	<b>--</b>	<b>297</b>	<b>2,891</b>
Finished Motor Gasoline	--	1	1,506	31	5	101	-17	--	38	1,623
Reformulated	--	--	1,065	--	--	29	0	--	--	1,095
Conventional	--	1	441	31	5	72	-17	--	38	528
Finished Aviation Gasoline	--	--	1	0	--	--	-1	--	--	2
Kerosene-Type Jet Fuel	--	0	356	82	9	--	-9	--	21	435
Kerosene	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	0	530	25	45	--	8	--	104	488
15 ppm sulfur and under	--	0	513	15	45	--	8	--	43	521
Greater than 15 ppm to 500 ppm sulfur	--	--	7	11	--	--	0	--	25	-7
Greater than 500 ppm sulfur	--	--	10	--	--	--	0	--	35	-25
Residual Fuel Oil	--	--	95	29	--	--	-11	--	26	109
Less than 0.31 percent sulfur	--	--	3	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	17	9	--	--	-5	--	NA	NA
Greater than 1.00 percent sulfur	--	--	75	20	--	--	-6	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	1	--	--	0
Lubricants	--	--	21	1	--	--	4	--	15	4
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	131	--	3	--	-3	--	92	44
Marketable	--	--	101	--	3	--	-3	--	92	14
Catalyst	--	--	30	--	--	--	--	--	--	30
Asphalt and Road Oil	--	--	29	1	19	--	-10	--	1	58
Still Gas	--	--	115	--	--	--	--	--	--	115
Miscellaneous Products	--	--	11	--	--	--	0	--	0	11
<b>Total</b>	<b>869</b>	<b>28</b>	<b>2,864</b>	<b>1,789</b>	<b>535</b>	<b>86</b>	<b>26</b>	<b>2,730</b>	<b>409</b>	<b>3,007</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-June 2021**  
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) <sup>1</sup>	Net Receipts <sup>2</sup>	Adjustments <sup>3</sup>	Stock Change <sup>4</sup>	Refinery and Blender Net Inputs	Exports	Products Supplied <sup>5</sup>
<b>Crude Oil</b>	<b>826</b>	--	--	<b>1,079</b>	<b>142</b>	<b>38</b>	<b>15</b>	<b>2,028</b>	<b>42</b>	<b>0</b>
<b>Hydrocarbon Gas Liquids</b>	<b>61</b>	<b>0</b>	<b>43</b>	<b>48</b>	<b>27</b>	--	<b>-4</b>	<b>71</b>	<b>50</b>	<b>61</b>
Natural Gas Liquids	61	0	37	48	27	--	-4	71	50	55
Ethane	0	--	--	--	--	--	--	--	0	0
Propane	8	--	32	31	12	--	-4	--	28	59
Normal Butane	14	--	4	17	10	--	0	23	22	1
Isobutane	9	--	2	0	5	--	0	21	0	-7
Natural Gasoline	30	0	--	--	--	--	0	27	1	2
Refinery Olefins	--	--	6	--	--	--	0	--	--	6
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	6	--	--	--	0	--	--	6
Normal Butylene	--	--	1	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
<b>Other Liquids</b>	<b>--</b>	<b>21</b>	<b>--</b>	<b>135</b>	<b>308</b>	<b>-21</b>	<b>10</b>	<b>369</b>	<b>15</b>	<b>50</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	21	--	33	158	40	2	207	9	34
Hydrogen	--	--	--	--	--	42	--	42	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	21	--	33	158	-2	2	165	9	34
Fuel Ethanol	--	8	--	2	140	-2	-2	143	7	0
Renewable Fuels Except Fuel Ethanol	--	13	--	32	18	--	4	22	2	34
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	62	--	--	16	28	1	16
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	40	150	-61	-8	133	5	0
Reformulated	--	0	--	--	64	-7	-11	67	0	0
Conventional	--	0	--	40	86	-53	3	65	5	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b>	<b>--</b>	<b>1</b>	<b>2,576</b>	<b>154</b>	<b>82</b>	<b>63</b>	<b>-4</b>	<b>--</b>	<b>251</b>	<b>2,629</b>
Finished Motor Gasoline	--	1	1,417	20	6	63	-5	--	48	1,462
Reformulated	--	--	987	--	--	14	0	--	--	1,001
Conventional	--	1	429	20	6	49	-5	--	48	461
Finished Aviation Gasoline	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	0	299	87	9	--	3	--	14	377
Kerosene	--	--	0	--	--	--	0	--	1	-1
Distillate Fuel Oil	--	0	511	21	48	--	-7	--	64	523
15 ppm sulfur and under	--	0	486	16	48	--	-7	--	46	511
Greater than 15 ppm to 500 ppm sulfur	--	--	14	5	--	--	0	--	8	11
Greater than 500 ppm sulfur	--	--	10	--	--	--	-1	--	10	1
Residual Fuel Oil	--	--	72	21	--	--	4	--	19	71
Less than 0.31 percent sulfur	--	--	3	--	--	--	7	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	19	11	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	50	10	--	--	-3	--	NA	NA
Petrochemical Feedstocks	--	--	--	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	--	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	--	1
Lubricants	--	--	18	1	-2	--	0	--	12	5
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	121	--	4	--	-1	--	92	34
Marketable	--	--	92	--	4	--	-1	--	92	6
Catalyst	--	--	28	--	--	--	--	--	--	28
Asphalt and Road Oil	--	--	24	2	18	--	2	--	1	41
Still Gas	--	--	102	--	--	--	--	--	--	102
Miscellaneous Products	--	--	11	--	--	--	0	--	0	11
<b>Total</b>	<b>886</b>	<b>22</b>	<b>2,619</b>	<b>1,417</b>	<b>559</b>	<b>80</b>	<b>17</b>	<b>2,468</b>	<b>358</b>	<b>2,739</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

<sup>2</sup> Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

<sup>3</sup> Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for hydrogen, motor gasoline blending components, and fuel ethanol. See Appendix B, Note 2C for a detailed explanation of these adjustments.

<sup>4</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

<sup>5</sup> Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, June 2021**  
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Supply</b>							
Field Production .....	2,249	48,765	241,024	22,807	24,375	339,220	11,307
Alaskan .....	--	--	--	--	--	--	--
Lower 48 States .....	--	--	--	--	--	--	--
Imports (PAD District of Entry) .....	16,668	88,353	40,779	12,768	39,483	198,051	6,602
Commercial .....	16,668	88,353	40,779	12,768	39,483	198,051	6,602
Strategic Petroleum Reserve (SPR) .....	--	--	--	--	--	--	--
Net Receipts .....	2,280	-15,075	27,086	-17,428	3,137	--	--
Adjustments <sup>1</sup> .....	260	-5,298	20,151	-2,336	1,220	13,996	467
<b>Disposition</b>							
Stock Change <sup>2</sup> .....	-627	-9,654	-23,713	-795	-135	-34,924	-1,164
Commercial .....	--	--	-17,432	--	--	-28,643	-955
SPR .....	--	--	-6,281	--	--	-6,281	-209
Refinery Inputs .....	21,517	122,067	258,213	16,606	67,304	485,707	16,190
Exports .....	567	4,331	94,539	--	1,046	100,484	3,349
<b>Ending Stocks</b>							
Total .....	8,012	124,267	864,615	24,515	47,846	1,069,255	--
Commercial .....	8,012	124,267	243,311	24,515	47,846	447,951	--
Refinery .....	5,765	13,495	45,333	2,332	20,957	87,882	--
Tank Farms and Pipelines .....	2,247	110,772	197,978	22,183	22,677	355,857	--
Cushing, Oklahoma .....	--	39,605	--	--	--	39,605	--
Lease .....	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water .....	--	--	--	--	4,212	4,212	--
SPR .....	--	--	621,304	--	--	621,304	--
<b>SPR Stocks</b>							
Percent of Total Crude Oil Stocks (Percent) .....	--	--	--	--	--	58.1	--
Percent of Total Petroleum Stocks (Percent) .....	--	--	--	--	--	32.8	--
Days of Total Petroleum Net Imports (Days) .....	--	--	--	--	--	17,004	--
<b>SPR Receipts Detail</b>							
Receipts .....	--	--	--	--	--	--	--
Domestic .....	--	--	--	--	--	--	--
Imports .....	--	--	--	--	--	--	--
Imported by SPR .....	--	--	--	--	--	--	--
Imported for SPR by Others .....	--	--	--	--	--	--	--
<b>Imports</b>							
PAD District of Entry .....	16,668	88,353	40,779	12,768	39,483	198,051	6,602
PAD District of Processing .....	17,528	81,182	50,366	8,740	40,235	198,051	6,602

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

<sup>2</sup> A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 26. Production of Crude Oil by PAD District and State, June 2021**  
(Thousand Barrels)

PAD District and State	June 2021		January-June 2021	
	Total	Daily Average	Total	Daily Average
<b>PAD District 1</b> .....	<b>2,249</b>	<b>75</b>	<b>14,066</b>	<b>78</b>
Florida .....	78	3	732	4
New York .....	12	0	104	1
Pennsylvania .....	499	17	3,342	18
Virginia .....	0	0	2	0
West Virginia .....	1,660	55	9,885	55
<b>PAD District 2</b> .....	<b>48,765</b>	<b>1,625</b>	<b>292,376</b>	<b>1,615</b>
Illinois .....	587	20	3,445	19
Indiana .....	126	4	695	4
Kansas .....	2,331	78	13,573	75
Kentucky .....	174	6	1,173	6
Michigan .....	359	12	2,277	13
Missouri .....	4	0	22	0
Nebraska .....	143	5	788	4
North Dakota .....	31,769	1,059	189,892	1,049
Ohio .....	1,471	49	9,545	53
Oklahoma .....	11,705	390	70,388	389
South Dakota .....	80	3	494	3
Tennessee .....	15	1	84	0
<b>PAD District 3</b> .....	<b>241,024</b>	<b>8,034</b>	<b>1,396,181</b>	<b>7,714</b>
Alabama .....	345	12	2,112	12
Arkansas .....	343	11	2,028	11
Louisiana .....	2,850	95	17,390	96
Mississippi .....	1,107	37	6,718	37
New Mexico .....	37,901	1,263	208,041	1,149
Texas .....	143,734	4,791	833,968	4,608
Federal Offshore PAD District 3 .....	54,744	1,825	325,924	1,801
<b>PAD District 4</b> .....	<b>22,807</b>	<b>760</b>	<b>137,045</b>	<b>757</b>
Colorado .....	11,699	390	70,031	387
Idaho .....	2	0	12	0
Montana .....	1,414	47	9,280	51
Utah .....	2,850	95	16,408	91
Wyoming .....	6,841	228	41,314	228
<b>PAD District 5</b> .....	<b>24,375</b>	<b>812</b>	<b>149,484</b>	<b>826</b>
Alaska .....	13,200	440	81,379	450
South Alaska .....	263	9	1,784	10
North Slope .....	12,937	431	79,595	440
Arizona .....	1	0	3	0
California .....	10,788	360	65,781	363
Nevada .....	20	1	101	1
Federal Offshore PAD District 5 .....	366	12	2,220	12
<b>U.S. Total</b> .....	<b>339,220</b>	<b>11,307</b>	<b>1,989,152</b>	<b>10,990</b>

- = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas.

Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

**Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Hydrocarbon Gas Liquids</b> .....	<b>6</b>	<b>19,091</b>	<b>19,097</b>	<b>4,713</b>	<b>11,548</b>	<b>16,801</b>	<b>33,062</b>
Natural Gas Liquids .....	6	19,091	19,097	4,713	11,548	16,801	33,062
Ethane .....	-	7,315	7,315	1,644	3,221	7,742	12,607
Propane .....	2	6,805	6,807	1,937	4,216	4,856	11,009
Normal Butane .....	4	2,134	2,138	356	1,812	1,489	3,657
Isobutane .....	-	906	906	482	570	961	2,013
Natural Gasoline .....	-	1,931	1,931	294	1,729	1,753	3,776

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Hydrocarbon Gas Liquids</b> .....	<b>74,416</b>	<b>4,500</b>	<b>5,524</b>	<b>470</b>	<b>9,007</b>	<b>93,917</b>	<b>16,455</b>	<b>1,702</b>	<b>164,233</b>
Natural Gas Liquids .....	74,416	4,500	5,524	470	9,007	93,917	16,455	1,702	164,233
Ethane .....	32,348	2,242	2,285	87	3,288	40,250	5,347	2	65,521
Propane .....	22,412	1,205	1,768	147	2,945	28,477	5,588	251	52,132
Normal Butane .....	7,354	-2,984	615	67	1,001	6,053	2,085	392	14,325
Isobutane .....	4,387	3,661	340	49	607	9,044	1,114	245	13,322
Natural Gasoline .....	7,915	376	516	120	1,166	10,093	2,321	812	18,933

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Hydrocarbon Gas Liquids</b> .....	<b>6</b>	<b>256</b>	<b>262</b>	<b>986</b>	<b>121</b>	<b>416</b>	<b>1,523</b>
Natural Gas Liquids .....	6	256	262	986	121	416	1,523
Ethane .....	-	-	-	33	4	122	159
Propane .....	3	128	131	435	44	94	573
Normal Butane .....	3	47	50	125	25	48	198
Isobutane .....	-	15	15	243	5	38	286
Natural Gasoline .....	-	66	66	150	43	114	307

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Hydrocarbon Gas Liquids</b> .....	<b>160</b>	<b>196</b>	<b>1,000</b>	<b>7</b>	<b>1</b>	<b>1,364</b>	<b>182</b>	<b>425</b>	<b>3,756</b>
Natural Gas Liquids .....	160	196	1,000	7	1	1,364	182	425	3,756
Ethane .....	15	13	166	-	-	194	5	-	358
Propane .....	32	43	166	3	-	244	72	75	1,095
Normal Butane .....	33	25	296	1	-	355	37	242	882
Isobutane .....	22	16	55	-	-	93	20	54	468
Natural Gasoline .....	58	99	317	3	1	478	48	54	953

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

**Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Crude Oil</b> .....	<b>18,816</b>	<b>2,701</b>	<b>21,517</b>	<b>78,914</b>	<b>15,383</b>	<b>27,770</b>	<b>122,067</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>440</b>	<b>-</b>	<b>440</b>	<b>1,260</b>	<b>68</b>	<b>1,048</b>	<b>2,376</b>
Natural Gas Liquids .....	440	-	440	1,260	68	1,048	2,376
Normal Butane .....	88	-	88	28	2	10	40
Isobutane .....	117	-	117	1,095	64	454	1,613
Natural Gasoline .....	235	-	235	137	2	584	723
<b>Other Liquids</b> .....	<b>80,179</b>	<b>6,274</b>	<b>86,453</b>	<b>8,018</b>	<b>4,480</b>	<b>2,695</b>	<b>15,193</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	9,555	813	10,368	5,774	1,669	1,920	9,363
Hydrogen .....	91	6	97	693	278	189	1,160
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
All Other Oxygenates <sup>1</sup> .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) .....	9,464	807	10,271	5,064	1,391	1,731	8,186
Fuel Ethanol .....	9,277	737	10,014	4,850	1,137	1,662	7,649
Renewable Diesel Fuel <sup>2</sup> .....	187	70	257	214	254	69	537
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	17	-	-	17
Unfinished Oils (net) .....	1,402	-164	1,238	-176	161	270	255
Naphthas and Lighter .....	30	-110	-80	341	2	78	421
Kerosene and Light Gas Oils .....	255	-	255	-381	-4	68	-317
Heavy Gas Oils .....	1,026	-52	974	34	163	200	397
Residuum .....	91	-2	89	-170	-	-76	-246
Motor Gasoline Blend.Comp. (MGBC)(net) .....	69,222	5,625	74,847	2,420	2,650	505	5,575
Reformulated - RBOB .....	17,047	-	17,047	-1,220	1,346	892	1,018
Conventional .....	52,175	5,625	57,800	3,640	1,304	-387	4,557
CBOB .....	41,220	5,611	46,831	4,719	1,300	-481	5,538
GTAB .....	3,545	-	3,545	-	-	-	-
Other .....	7,410	14	7,424	-1,079	4	94	-981
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>99,435</b>	<b>8,975</b>	<b>108,410</b>	<b>88,192</b>	<b>19,931</b>	<b>31,513</b>	<b>139,636</b>

See footnotes at end of table.

**Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b> .....	<b>18,800</b>	<b>135,282</b>	<b>94,049</b>	<b>7,089</b>	<b>2,993</b>	<b>258,213</b>	<b>16,606</b>	<b>67,304</b>	<b>485,707</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>355</b>	<b>4,154</b>	<b>2,773</b>	<b>58</b>	<b>126</b>	<b>7,466</b>	<b>372</b>	<b>1,755</b>	<b>12,409</b>
Natural Gas Liquids .....	355	4,154	2,773	58	126	7,466	372	1,755	12,409
Normal Butane .....	89	1,011	400	4	-	1,504	93	420	2,145
Isobutane .....	225	1,815	1,622	48	126	3,836	156	607	6,329
Natural Gasoline .....	41	1,328	751	6	-	2,126	123	728	3,935
<b>Other Liquids</b> .....	<b>10,704</b>	<b>-39,231</b>	<b>-24,481</b>	<b>7,364</b>	<b>-39</b>	<b>-45,683</b>	<b>2,231</b>	<b>12,832</b>	<b>71,026</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	2,177	3,145	2,026	1,105	190	8,643	1,156	6,772	36,302
Hydrogen .....	90	2,214	1,426	59	17	3,806	181	1,347	6,591
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--	--	--
All Other Oxygenates <sup>1</sup> .....	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) .....	2,087	931	600	1,046	173	4,837	975	5,425	29,694
Fuel Ethanol .....	2,021	845	506	1,009	153	4,534	939	4,637	27,773
Renewable Diesel Fuel <sup>2</sup> .....	66	70	33	37	20	226	36	720	1,776
Other Renewable Fuels .....	-	16	61	-	-	77	-	68	145
Other Hydrocarbons .....	-	-	-	-	-	-	-	-	17
Unfinished Oils (net) .....	54	-3,016	9,445	-13	10	6,480	-112	1,735	9,596
Naphthas and Lighter .....	242	-5,994	84	34	2	-5,632	-4	-481	-5,776
Kerosene and Light Gas Oils .....	-77	-1,007	354	23	-30	-737	40	-453	-1,212
Heavy Gas Oils .....	-17	2,279	5,301	18	38	7,619	-188	1,664	10,466
Residuum .....	-94	1,706	3,706	-88	-	5,230	40	1,005	6,118
Motor Gasoline Blend.Comp. (MGBC)(net) .....	8,469	-39,360	-35,961	6,272	-239	-60,819	1,187	4,325	25,115
Reformulated - RBOB .....	5,995	-8,835	-7,774	17	-600	-11,197	-	905	7,773
Conventional .....	2,474	-30,525	-28,187	6,255	361	-49,622	1,187	3,420	17,342
CBOB .....	2,425	-30,286	-28,574	6,272	360	-49,803	1,067	1,811	5,444
GTAB .....	-	-	-	-	-	-	-	-	3,545
Other .....	49	-239	387	-17	1	181	120	1,609	8,353
Aviation Gasoline Blend. Comp. (net) .....	4	-	9	-	-	13	-	-	13
<b>Total Input</b> .....	<b>29,859</b>	<b>100,205</b>	<b>72,341</b>	<b>14,511</b>	<b>3,080</b>	<b>219,996</b>	<b>19,209</b>	<b>81,891</b>	<b>569,142</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids .....	1,052	68	1,120	4,642	643	775	6,060
Natural Gas Liquids .....	577	68	645	3,586	510	524	4,620
Ethane .....	-	-	-	-	-	-	-
Propane .....	386	22	408	1,624	299	529	2,452
Normal Butane .....	246	66	312	2,020	264	62	2,346
Isobutane .....	-55	-20	-75	-58	-53	-67	-178
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	475	-	475	1,056	133	251	1,440
Ethylene .....	5	-	5	-	-	-	-
Propylene .....	435	-	435	947	138	251	1,336
Normal Butylene .....	8	-	8	109	-5	-	104
Isobutylene .....	27	-	27	-	-	-	-
Finished Motor Gasoline .....	89,536	7,280	96,816	49,704	11,423	17,256	78,383
Reformulated .....	37,023	46	37,069	7,890	1,496	992	10,378
Reformulated Blended with Fuel Ethanol .....	37,023	46	37,069	7,890	1,496	992	10,378
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	52,513	7,234	59,747	41,814	9,927	16,264	68,005
Conventional Blended with Fuel Ethanol .....	54,935	7,324	62,259	39,884	9,772	14,869	64,525
Ed55 and Lower .....	54,882	7,324	62,206	39,869	9,745	14,775	64,389
Greater than Ed55 .....	53	-	53	15	27	94	136
Conventional Other .....	-2,422	-90	-2,512	1,930	155	1,395	3,480
Finished Aviation Gasoline .....	-	-4	-4	-	11	-	11
Kerosene-Type Jet Fuel .....	1,671	-	1,671	6,382	707	932	8,021
Kerosene .....	-49	-	-49	38	-	-	38
Distillate Fuel Oil .....	5,271	656	5,927	19,275	5,274	10,861	35,410
15 ppm sulfur and under .....	5,497	655	6,152	19,250	5,242	10,899	35,391
Greater than 15 ppm to 500 ppm sulfur .....	32	-9	23	-	-	103	103
Greater than 500 ppm sulfur .....	-258	10	-248	25	32	-141	-84
Residual Fuel Oil .....	1,264	4	1,268	823	170	118	1,111
Less than 0.31 percent sulfur .....	-	3	3	131	-	-	131
0.31 to 1.00 percent sulfur .....	1,034	1	1,035	153	64	15	232
Greater than 1.00 percent sulfur .....	230	-	230	539	106	103	748
Petrochemical Feedstocks .....	-	-	-	995	-	44	1,039
Naphtha for Petro. Feed. Use .....	-	-	-	623	-	-	623
Other Oils for Petro. Feed. Use .....	-	-	-	372	-	44	416
Special Naphthas .....	-	17	17	-39	-	15	-24
Lubricants .....	195	146	341	-	-	215	215
Waxes .....	-	-17	-17	-	-	39	39
Petroleum Coke .....	625	20	645	4,305	1,060	875	6,240
Marketable .....	199	-	199	3,174	892	613	4,679
Catalyst .....	426	20	446	1,131	168	262	1,561
Asphalt and Road Oil .....	303	650	953	3,719	1,188	425	5,332
Still Gas .....	839	59	898	2,845	586	1,142	4,573
Miscellaneous Products .....	43	35	78	351	123	52	526
<b>Total .....</b>	<b>100,750</b>	<b>8,914</b>	<b>109,664</b>	<b>93,040</b>	<b>21,185</b>	<b>32,749</b>	<b>146,974</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	<b>-1,315</b>	<b>61</b>	<b>-1,254</b>	<b>-4,848</b>	<b>-1,254</b>	<b>-1,236</b>	<b>-7,338</b>

See footnotes at end of table.

**Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids .....	864	9,373	6,420	58	61	16,776	436	2,035	26,427
Natural Gas Liquids .....	424	5,679	3,498	39	61	9,701	292	1,926	17,184
Ethane .....	7	110	16	—	—	133	—	—	133
Propane .....	229	2,441	2,213	11	34	4,928	217	1,039	9,044
Normal Butane .....	180	3,323	928	28	27	4,486	109	792	8,045
Isobutane .....	8	-195	341	—	—	154	-34	95	-38
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Refinery Olefins .....	440	3,694	2,922	19	—	7,075	144	109	9,243
Ethylene .....	—	10	—	—	—	10	—	—	15
Propylene .....	400	3,839	2,961	19	—	7,219	43	159	9,192
Normal Butylene .....	40	-87	-39	—	—	-86	101	-50	77
Isobutylene .....	—	-68	—	—	—	-68	—	—	-41
Finished Motor Gasoline .....	20,496	22,387	14,382	9,288	1,579	68,132	9,954	45,192	298,477
Reformulated .....	7,285	6,121	—	—	—	13,406	—	31,958	92,811
Reformulated Blended with Fuel Ethanol .....	7,285	6,121	—	—	—	13,406	—	31,958	92,811
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	13,211	16,266	14,382	9,288	1,579	54,726	9,954	13,234	205,666
Conventional Blended with Fuel Ethanol .....	12,996	2,251	5,068	9,997	1,539	31,851	9,319	14,357	182,311
Ed55 and Lower .....	12,983	2,250	5,068	9,980	1,538	31,819	9,304	14,355	182,073
Greater than Ed55 .....	13	1	—	17	1	32	15	2	238
Conventional Other .....	215	14,015	9,314	-709	40	22,875	635	-1,123	23,355
Finished Aviation Gasoline .....	95	68	166	—	—	329	5	23	364
Kerosene-Type Jet Fuel .....	1,222	9,777	9,023	135	-1	20,156	968	10,678	41,494
Kerosene .....	6	-11	-19	2	—	-22	—	4	-29
Distillate Fuel Oil .....	5,785	43,244	33,043	2,370	1,275	85,717	5,657	15,906	148,617
15 ppm sulfur and under .....	5,770	42,214	27,936	2,317	1,275	79,512	5,597	15,385	142,037
Greater than 15 ppm to 500 ppm sulfur .....	15	226	2,467	32	—	2,740	46	214	3,126
Greater than 500 ppm sulfur .....	—	804	2,640	21	—	3,465	14	307	3,454
Residual Fuel Oil .....	320	-172	755	-22	30	911	364	2,837	6,491
Less than 0.31 percent sulfur .....	232	—	438	—	—	670	174	76	1,054
0.31 to 1.00 percent sulfur .....	-8	369	314	-22	—	653	22	520	2,462
Greater than 1.00 percent sulfur .....	96	-541	3	—	30	-412	168	2,241	2,975
Petrochemical Feedstocks .....	109	5,038	2,560	—	—	7,707	—	—	8,746
Naphtha for Petro. Feed. Use .....	98	3,392	1,539	—	—	5,029	—	—	5,652
Other Oils for Petro. Feed. Use .....	11	1,646	1,021	—	—	2,678	—	—	3,094
Special Naphthas .....	100	638	—	193	—	931	—	33	957
Lubricants .....	-1	1,784	1,897	788	—	4,468	—	644	5,668
Waxes .....	—	46	13	19	—	78	—	—	100
Petroleum Coke .....	424	7,758	5,270	123	23	13,598	658	3,915	25,056
Marketable .....	193	5,971	4,093	107	—	10,364	437	3,022	18,701
Catalyst .....	231	1,787	1,177	16	23	3,234	221	893	6,355
Asphalt and Road Oil .....	289	400	653	1,244	86	2,672	1,002	858	10,817
Still Gas .....	825	6,326	3,915	295	68	11,429	681	3,458	21,039
Miscellaneous Products .....	137	893	445	14	50	1,539	116	332	2,591
<b>Total .....</b>	<b>30,671</b>	<b>107,549</b>	<b>78,523</b>	<b>14,507</b>	<b>3,171</b>	<b>234,421</b>	<b>19,841</b>	<b>85,915</b>	<b>596,815</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	<b>-812</b>	<b>-7,344</b>	<b>-6,182</b>	<b>4</b>	<b>-91</b>	<b>-14,425</b>	<b>-632</b>	<b>-4,024</b>	<b>-27,673</b>

— = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

**Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Crude Oil</b> .....	<b>18,816</b>	<b>2,701</b>	<b>21,517</b>	<b>78,914</b>	<b>15,383</b>	<b>27,770</b>	<b>122,067</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>122</b>	<b>-</b>	<b>122</b>	<b>1,232</b>	<b>64</b>	<b>1,001</b>	<b>2,297</b>
Natural Gas Liquids .....	122	-	122	1,232	64	1,001	2,297
Normal Butane .....	5	-	5	1	-	-	1
Isobutane .....	117	-	117	1,095	64	454	1,613
Natural Gasoline .....	-	-	-	136	-	547	683
<b>Other Liquids</b> .....	<b>-8,486</b>	<b>77</b>	<b>-8,409</b>	<b>-36,231</b>	<b>-4,720</b>	<b>-11,593</b>	<b>-52,544</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	165	147	312	973	503	352	1,828
Hydrogen .....	91	6	97	693	278	189	1,160
Oxygenates (excluding Fuel Ethanol) .....	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE) .....	-	-	-	-	-	-	-
All Other Oxygenates <sup>1</sup> .....	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol) .....	74	141	215	263	225	163	651
Fuel Ethanol .....	74	112	186	170	162	143	475
Renewable Diesel Fuel <sup>2</sup> .....	-	29	29	93	63	20	176
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	17	-	-	17
Unfinished Oils (net) .....	1,402	-164	1,238	-177	161	270	254
Naphthas and Lighter .....	30	-110	-80	341	2	78	421
Kerosene and Light Gas Oils .....	255	-	255	-381	-4	68	-317
Heavy Gas Oils .....	1,026	-52	974	33	163	200	396
Residuum .....	91	-2	89	-170	-	-76	-246
Motor Gasoline Blend.Comp. (MGBC)(net) .....	-10,053	94	-9,959	-37,027	-5,384	-12,215	-54,626
Reformulated - RBOB .....	-7,631	-	-7,631	-8,247	-	-	-8,247
Conventional .....	-2,422	94	-2,328	-28,780	-5,384	-12,215	-46,379
CBOB .....	-2,389	80	-2,309	-27,693	-5,388	-12,309	-45,390
GTAB .....	-	-	-	-	-	-	-
Other .....	-33	14	-19	-1,087	4	94	-989
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input to Refineries</b> .....	<b>10,452</b>	<b>2,778</b>	<b>13,230</b>	<b>43,915</b>	<b>10,727</b>	<b>17,178</b>	<b>71,820</b>
<b>Atmospheric Crude Oil Distillation</b>							
Gross Input (daily average) .....	644	90	734	2,629	525	927	4,081
Operable Capacity (daily average) .....	720	98	818	2,716	547	926	4,188
Operable Utilization Rate (percent) <sup>3</sup> .....	89.5	91.7	89.7	96.8	95.9	100.2	97.4
<b>Downstream Processing</b>							
<b>Fresh Feed Input (daily average)</b>							
Catalytic Reforming .....	112	13	125	492	81	177	750
Catalytic Cracking .....	258	16	274	828	145	224	1,198
Catalytic Hydrocracking .....	48	-	48	186	61	56	303
Delayed and Fluid Coking .....	31	-	31	357	71	82	510
<b>Crude Oil Qualities</b>							
Sulfur Content, Weighted Average (percent) .....	0.69	1.78	0.82	1.57	1.95	0.59	1.40
API Gravity, Weighted Average (degrees) .....	36.85	32.58	36.31	32.83	27.81	38.94	33.53
<b>Operable Capacity (daily average)</b> .....	<b>720</b>	<b>98</b>	<b>818</b>	<b>2,716</b>	<b>547</b>	<b>926</b>	<b>4,188</b>
Operating .....	720	98	818	2,716	509	926	4,150
Idle .....	-	-	-	-	38	-	38
<b>Alaskan Crude Oil Receipts</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b> .....	<b>18,800</b>	<b>135,282</b>	<b>94,049</b>	<b>7,089</b>	<b>2,993</b>	<b>258,213</b>	<b>16,606</b>	<b>67,304</b>	<b>485,707</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>352</b>	<b>3,679</b>	<b>2,772</b>	<b>54</b>	<b>126</b>	<b>6,983</b>	<b>361</b>	<b>1,750</b>	<b>11,513</b>
Natural Gas Liquids .....	352	3,679	2,772	54	126	6,983	361	1,750	11,513
Normal Butane .....	89	921	399	—	—	1,409	89	415	1,919
Isobutane .....	225	1,815	1,622	48	126	3,836	153	607	6,326
Natural Gasoline .....	38	943	751	6	—	1,738	119	728	3,268
<b>Other Liquids</b> .....	<b>-7,240</b>	<b>-48,638</b>	<b>-27,743</b>	<b>-1,491</b>	<b>-1,474</b>	<b>-86,586</b>	<b>-3,300</b>	<b>-30,634</b>	<b>-181,473</b>
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons .....	341	2,288	1,713	108	32	4,482	416	1,803	8,841
Hydrogen .....	90	2,214	1,426	59	17	3,806	181	1,347	6,591
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	251	74	287	49	15	676	235	456	2,233
Fuel Ethanol .....	212	52	193	42	7	506	222	103	1,492
Renewable Diesel Fuel <sup>2</sup> .....	39	22	33	7	8	109	13	285	612
Other Renewable Fuels .....	—	—	61	—	—	61	—	68	129
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	17
Unfinished Oils (net) .....	54	-2,336	9,349	-13	10	7,064	-112	1,735	10,179
Naphthas and Lighter .....	242	-5,994	84	34	2	-5,632	-4	-481	-5,776
Kerosene and Light Gas Oils .....	-77	-327	354	23	-30	-57	40	-453	-532
Heavy Gas Oils .....	-17	2,279	5,205	18	38	7,523	-188	1,664	10,369
Residuum .....	-94	1,706	3,706	-88	—	5,230	40	1,005	6,118
Motor Gasoline Blend Comp. (MGBC)(net) .....	-7,639	-48,590	-38,814	-1,586	-1,516	-98,145	-3,604	-34,172	-200,506
Reformulated - RBOB .....	-762	-15,424	-7,774	—	-600	-24,560	—	-26,382	-66,820
Conventional .....	-6,877	-33,166	-31,040	-1,586	-916	-73,585	-3,604	-7,790	-133,686
CBOB .....	-6,926	-29,297	-30,181	-1,569	-909	-68,882	-3,723	-8,355	-128,659
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	49	-3,869	-859	-17	-7	-4,703	119	565	-5,027
Aviation Gasoline Blend. Comp. (net) .....	4	—	9	—	—	13	—	—	13
<b>Total Input to Refineries</b> .....	<b>11,912</b>	<b>90,323</b>	<b>69,078</b>	<b>5,652</b>	<b>1,645</b>	<b>178,610</b>	<b>13,667</b>	<b>38,420</b>	<b>315,747</b>
<b>Atmospheric Crude Oil Distillation</b>									
Gross Input (daily average) .....	631	4,725	3,314	208	100	8,978	555	2,396	16,743
Operable Capacity (daily average) .....	746	5,106	3,531	258	110	9,751	657	2,714	18,128
Operable Utilization Rate (percent) <sup>3</sup> .....	84.6	92.5	93.9	80.4	90.7	92.1	84.5	88.3	92.4
<b>Downstream Processing</b>									
<b>Fresh Feed Input (daily average)</b>									
Catalytic Reforming .....	140	669	580	35	21	1,445	93	392	2,805
Catalytic Cracking .....	168	1,263	971	17	27	2,447	147	620	4,686
Catalytic Hydrocracking .....	30	546	461	17	17	1,070	26	475	1,924
Delayed and Fluid Coking .....	27	734	511	32	—	1,304	58	424	2,327
<b>Crude Oil Qualities</b>									
Sulfur Content, Weighted Average (percent) .....	0.58	1.38	1.16	1.44	0.83	1.22	1.34	1.25	1.26
API Gravity, Weighted Average (degrees) .....	39.95	34.55	32.88	30.49	38.83	34.39	31.92	29.17	33.43
<b>Operable Capacity (daily average)</b> .....	<b>746</b>	<b>5,106</b>	<b>3,531</b>	<b>258</b>	<b>110</b>	<b>9,751</b>	<b>657</b>	<b>2,714</b>	<b>18,128</b>
Operating .....	746	5,071	3,459	258	110	9,644	647	2,650	17,910
Idle .....	—	35	72	—	—	107	10	64	218
<b>Alaskan Crude Oil Receipts</b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>11,903</b>	<b>11,903</b>

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

<sup>3</sup> Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids .....	1,052	68	1,120	4,642	643	775	6,060
Natural Gas Liquids .....	577	68	645	3,586	510	524	4,620
Ethane .....	-	-	-	-	-	-	-
Propane .....	386	22	408	1,624	299	529	2,452
Normal Butane .....	246	66	312	2,020	264	62	2,346
Isobutane .....	-55	-20	-75	-58	-53	-67	-178
Natural Gasoline .....	-	-	-	-	-	-	-
Refinery Olefins .....	475	-	475	1,056	133	251	1,440
Ethylene .....	5	-	5	-	-	-	-
Propylene .....	435	-	435	947	138	251	1,336
Normal Butylene .....	8	-	8	109	-5	-	104
Isobutylene .....	27	-	27	-	-	-	-
Finished Motor Gasoline .....	735	1,114	1,849	5,508	2,413	2,972	10,893
Reformulated .....	735	-	735	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	735	-	735	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	-	1,114	1,114	5,508	2,413	2,972	10,893
Conventional Blended with Fuel Ethanol .....	-	1,116	1,116	1,725	1,704	1,470	4,899
Ed55 and Lower .....	-	1,116	1,116	1,725	1,704	1,470	4,899
Greater than Ed55 .....	-	-	-	-	-	-	-
Conventional Other .....	-	-2	-2	3,783	709	1,502	5,994
Finished Aviation Gasoline .....	-	-	-	-	11	-	11
Kerosene-Type Jet Fuel .....	1,671	-	1,671	6,412	709	934	8,055
Kerosene .....	-48	-	-48	38	-	-	38
Distillate Fuel Oil .....	5,099	621	5,720	19,172	5,083	10,817	35,072
15 ppm sulfur and under .....	5,316	620	5,936	19,147	5,051	10,853	35,051
Greater than 15 ppm to 500 ppm sulfur .....	3	-9	-6	-	-	-3	-3
Greater than 500 ppm sulfur .....	-220	10	-210	25	32	-33	24
Residual Fuel Oil .....	1,265	4	1,269	823	170	119	1,112
Less than 0.31 percent sulfur .....	-	3	3	131	-	-	131
0.31 to 1.00 percent sulfur .....	1,034	1	1,035	153	64	16	233
Greater than 1.00 percent sulfur .....	231	-	231	539	106	103	748
Petrochemical Feedstocks .....	-	-	-	995	-	44	1,039
Naphtha for Petro. Feed. Use .....	-	-	-	623	-	-	623
Other Oils for Petro. Feed. Use .....	-	-	-	372	-	44	416
Special Naphthas .....	-	17	17	-39	-	15	-24
Lubricants .....	195	146	341	-	-	215	215
Waxes .....	-	-17	-17	-	-	39	39
Petroleum Coke .....	625	20	645	4,305	1,060	875	6,240
Marketable .....	199	-	199	3,174	892	613	4,679
Catalyst .....	426	20	446	1,131	168	262	1,561
Asphalt and Road Oil .....	291	650	941	3,718	1,186	417	5,321
Still Gas .....	839	59	898	2,845	586	1,142	4,573
Miscellaneous Products .....	43	35	78	351	123	52	526
<b>Total .....</b>	<b>11,767</b>	<b>2,717</b>	<b>14,484</b>	<b>48,770</b>	<b>11,984</b>	<b>18,416</b>	<b>79,170</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-1,315	61	-1,254	-4,855	-1,257	-1,238	-7,350

See footnotes at end of table.

**Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						Total	PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico					
Hydrocarbon Gas Liquids .....	864	9,373	6,420	58	61	16,776	436	2,035	26,427	
Natural Gas Liquids .....	424	5,679	3,498	39	61	9,701	292	1,926	17,184	
Ethane .....	7	110	16	—	—	133	—	—	133	
Propane .....	229	2,441	2,213	11	34	4,928	217	1,039	9,044	
Normal Butane .....	180	3,323	928	28	27	4,486	109	792	8,045	
Isobutane .....	8	-195	341	—	—	154	-34	95	-38	
Natural Gasoline .....	—	—	—	—	—	—	—	—	—	
Refinery Olefins .....	440	3,694	2,922	19	—	7,075	144	109	9,243	
Ethylene .....	—	10	—	—	—	10	—	—	15	
Propylene .....	400	3,839	2,961	19	—	7,219	43	159	9,192	
Normal Butylene .....	40	-87	-39	—	—	-86	101	-50	77	
Isobutylene .....	—	-68	—	—	—	-68	—	—	-41	
Finished Motor Gasoline .....	2,576	11,871	11,213	458	155	26,273	4,438	2,160	45,613	
Reformulated .....	—	—	—	—	—	—	—	—	641	
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	641	
Reformulated Other .....	—	—	—	—	—	—	—	—	—	
Conventional .....	2,576	11,871	11,213	458	155	26,273	4,438	1,519	44,237	
Conventional Blended with Fuel Ethanol .....	2,185	517	1,914	431	65	5,112	2,282	436	13,845	
Ed55 and Lower .....	2,185	517	1,914	431	65	5,112	2,282	436	13,845	
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—	
Conventional Other .....	391	11,354	9,299	27	90	21,161	2,156	1,083	30,392	
Finished Aviation Gasoline .....	95	68	166	—	—	329	5	23	368	
Kerosene-Type Jet Fuel .....	1,221	9,766	9,011	140	—	20,138	873	10,674	41,411	
Kerosene .....	6	—	-19	2	—	-11	—	2	-19	
Distillate Fuel Oil .....	5,758	43,490	33,056	2,335	1,263	85,902	5,728	15,473	147,895	
15 ppm sulfur and under .....	5,743	42,168	27,949	2,282	1,263	79,405	5,668	14,955	141,015	
Greater than 15 ppm to 500 ppm sulfur .....	15	226	2,467	32	—	2,740	46	214	2,991	
Greater than 500 ppm sulfur .....	—	1,096	2,640	21	—	3,757	14	304	3,889	
Residual Fuel Oil .....	320	216	659	-22	30	1,203	364	2,837	6,785	
Less than 0.31 percent sulfur .....	232	—	438	—	—	670	174	39	1,017	
0.31 to 1.00 percent sulfur .....	-8	369	314	-22	—	653	22	516	2,459	
Greater than 1.00 percent sulfur .....	96	-153	-93	—	30	-120	168	2,282	3,309	
Petrochemical Feedstocks .....	109	5,038	2,560	—	—	7,707	—	—	8,746	
Naphtha for Petro. Feed. Use .....	98	3,392	1,539	—	—	5,029	—	—	5,652	
Other Oils for Petro. Feed. Use .....	11	1,646	1,021	—	—	2,678	—	—	3,094	
Special Naphthas .....	100	638	—	193	—	931	—	33	957	
Lubricants .....	-1	1,784	1,897	788	—	4,468	—	644	5,668	
Waxes .....	—	46	13	19	—	78	—	—	100	
Petroleum Coke .....	424	7,758	5,270	123	23	13,598	658	3,915	25,056	
Marketable .....	193	5,971	4,093	107	—	10,364	437	3,022	18,701	
Catalyst .....	231	1,787	1,177	16	23	3,234	221	893	6,355	
Asphalt and Road Oil .....	289	400	653	1,244	86	2,672	1,002	858	10,794	
Still Gas .....	825	6,326	3,915	295	68	11,429	681	3,458	21,039	
Miscellaneous Products .....	137	893	445	14	50	1,539	116	332	2,591	
<b>Total .....</b>	<b>12,723</b>	<b>97,667</b>	<b>75,259</b>	<b>5,647</b>	<b>1,736</b>	<b>193,032</b>	<b>14,301</b>	<b>42,444</b>	<b>343,431</b>	
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-811	-7,344	-6,181	5	-91	-14,422	-634	-4,024	-27,684	

— = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 32. Blender Net Inputs of Petroleum Products by PAD District, June 2021**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Hydrocarbon Gas Liquids</b> .....	<b>318</b>	<b>-</b>	<b>318</b>	<b>28</b>	<b>4</b>	<b>47</b>	<b>79</b>
Natural Gas Liquids .....	318	-	318	28	4	47	79
Normal Butane .....	83	-	83	27	2	10	39
Isobutane .....	-	-	-	-	-	-	-
Natural Gasoline .....	235	-	235	1	2	37	40
<b>Other Liquids</b> .....	<b>88,665</b>	<b>6,197</b>	<b>94,862</b>	<b>44,249</b>	<b>9,200</b>	<b>14,288</b>	<b>67,737</b>
Oxygenates/Renewables .....	9,390	666	10,056	4,801	1,166	1,568	7,535
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
All Other Oxygenates <sup>1</sup> .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) .....	9,390	666	10,056	4,801	1,166	1,568	7,535
Fuel Ethanol .....	9,203	625	9,828	4,680	975	1,519	7,174
Renewable Diesel Fuel <sup>2</sup> .....	187	41	228	121	191	49	361
Other Renewable Fuels .....	-	-	-	-	-	-	-
Unfinished Oils (net) .....	-	-	-	1	-	-	1
Naphthas and Lighter .....	-	-	-	-	-	-	-
Kerosene and Light Gas Oils .....	-	-	-	-	-	-	-
Heavy Gas Oils .....	-	-	-	1	-	-	1
Residuum .....	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net) .....	79,275	5,531	84,806	39,447	8,034	12,720	60,201
Reformulated - RBOB .....	24,678	-	24,678	7,027	1,346	892	9,265
Conventional .....	54,597	5,531	60,128	32,420	6,688	11,828	50,936
CBOB .....	43,609	5,531	49,140	32,412	6,688	11,828	50,928
GTAB .....	3,545	-	3,545	-	-	-	-
Other .....	7,443	-	7,443	8	-	-	8
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>88,983</b>	<b>6,197</b>	<b>95,180</b>	<b>44,277</b>	<b>9,204</b>	<b>14,335</b>	<b>67,816</b>

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Hydrocarbon Gas Liquids</b> .....	<b>3</b>	<b>475</b>	<b>1</b>	<b>4</b>	<b>-</b>	<b>483</b>	<b>11</b>	<b>5</b>	<b>896</b>
Natural Gas Liquids .....	3	475	1	4	-	483	11	5	896
Normal Butane .....	-	90	1	4	-	95	4	5	226
Isobutane .....	-	-	-	-	-	-	3	-	3
Natural Gasoline .....	3	385	-	-	-	388	4	-	667
<b>Other Liquids</b> .....	<b>17,944</b>	<b>9,407</b>	<b>3,262</b>	<b>8,855</b>	<b>1,435</b>	<b>40,903</b>	<b>5,531</b>	<b>43,466</b>	<b>252,499</b>
Oxygenates/Renewables .....	1,836	857	313	997	158	4,161	740	4,969	27,461
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--	--	--
All Other Oxygenates <sup>1</sup> .....	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) .....	1,836	857	313	997	158	4,161	740	4,969	27,461
Fuel Ethanol .....	1,809	793	313	967	146	4,028	717	4,534	26,281
Renewable Diesel Fuel <sup>2</sup> .....	27	48	-	30	12	117	23	435	1,164
Other Renewable Fuels .....	-	16	-	-	-	16	-	-	16
Unfinished Oils (net) .....	-	-680	96	-	-	-584	-	-	-583
Naphthas and Lighter .....	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils .....	-	-680	-	-	-	-680	-	-	-680
Heavy Gas Oils .....	-	-	96	-	-	96	-	-	97
Residuum .....	-	-	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net) .....	16,108	9,230	2,853	7,858	1,277	37,326	4,791	38,497	225,621
Reformulated - RBOB .....	6,757	6,589	-	17	-	13,363	-	27,287	74,593
Conventional .....	9,351	2,641	2,853	7,841	1,277	23,963	4,791	11,210	151,028
CBOB .....	9,351	-989	1,607	7,841	1,269	19,079	4,790	10,166	134,103
GTAB .....	-	-	-	-	-	-	-	-	3,545
Other .....	-	3,630	1,246	-	8	4,884	1	1,044	13,380
Aviation Gasoline Blend. Comp. (net) .....	-	-	-	-	-	-	-	-	-
<b>Total Input</b> .....	<b>17,947</b>	<b>9,882</b>	<b>3,263</b>	<b>8,859</b>	<b>1,435</b>	<b>41,386</b>	<b>5,542</b>	<b>43,471</b>	<b>253,395</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

**Table 33. Blender Net Production of Petroleum Products by PAD District, June 2021**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline .....	88,801	6,166	94,967	44,196	9,010	14,284	67,490
Reformulated .....	36,288	46	36,334	7,890	1,496	992	10,378
Reformulated Blended with Fuel Ethanol .....	36,288	46	36,334	7,890	1,496	992	10,378
Reformulated Other .....	-	-	-	-	-	-	-
Conventional .....	52,513	6,120	58,633	36,306	7,514	13,292	57,112
Conventional Blended with Fuel Ethanol .....	54,935	6,208	61,143	38,159	8,068	13,399	59,626
Ed55 and Lower .....	54,882	6,208	61,090	38,144	8,041	13,305	59,490
Greater than Ed55 .....	53	-	53	15	27	94	136
Conventional Other .....	-2,422	-88	-2,510	-1,853	-554	-107	-2,514
Finished Aviation Gasoline .....	-	-4	-4	-	-	-	-
Kerosene-Type Jet Fuel .....	0	-	0	-30	-2	-2	-34
Kerosene .....	-1	-	-1	-	-	-	-
Distillate Fuel Oil .....	172	35	207	103	191	44	338
15 ppm sulfur and under .....	181	35	216	103	191	46	340
Greater than 15 ppm to 500 ppm sulfur .....	29	-	29	-	-	106	106
Greater than 500 ppm sulfur .....	-38	-	-38	-	-	-108	-108
Residual Fuel Oil .....	-1	-	-1	-	-	-1	-1
Less than 0.31 percent sulfur .....	-	-	-	-	-	-	-
0.31 to 1.00 percent sulfur .....	0	-	0	-	-	-1	-1
Greater than 1.00 percent sulfur .....	-1	-	-1	-	-	-	-
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-
Asphalt and Road Oil .....	12	-	12	1	2	8	11
Miscellaneous Products .....	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>88,983</b>	<b>6,197</b>	<b>95,180</b>	<b>44,270</b>	<b>9,201</b>	<b>14,333</b>	<b>67,804</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	0	0	0	7	3	2	12

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline .....	17,920	10,516	3,169	8,830	1,424	41,859	5,516	43,032	252,864
Reformulated .....	7,285	6,121	-	-	-	13,406	-	31,317	91,435
Reformulated Blended with Fuel Ethanol .....	7,285	6,121	-	-	-	13,406	-	31,317	91,435
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	10,635	4,395	3,169	8,830	1,424	28,453	5,516	11,715	161,429
Conventional Blended with Fuel Ethanol .....	10,811	1,734	3,154	9,566	1,474	26,739	7,037	13,921	168,466
Ed55 and Lower .....	10,798	1,733	3,154	9,549	1,473	26,707	7,022	13,919	168,228
Greater than Ed55 .....	13	1	-	17	1	32	15	2	238
Conventional Other .....	-176	2,661	15	-736	-50	1,714	-1,521	-2,206	-7,037
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-4
Kerosene-Type Jet Fuel .....	1	11	12	-5	-1	18	95	4	83
Kerosene .....	-	-11	-	-	-	-11	-	2	-10
Distillate Fuel Oil .....	27	-246	-13	35	12	-185	-71	433	722
15 ppm sulfur and under .....	27	46	-13	35	12	107	-71	430	1,022
Greater than 15 ppm to 500 ppm sulfur .....	-	-	-	-	-	-	-	-	135
Greater than 500 ppm sulfur .....	-	-292	-	-	-	-292	-	3	-435
Residual Fuel Oil .....	-	-388	96	-	-	-292	-	0	-294
Less than 0.31 percent sulfur .....	-	-	-	-	-	-	-	37	37
0.31 to 1.00 percent sulfur .....	-	-	-	-	-	-	-	4	3
Greater than 1.00 percent sulfur .....	-	-388	96	-	-	-292	-	-41	-334
Special Naphthas .....	-	-	-	-	-	-	-	-	-
Lubricants .....	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil .....	-	-	-	-	-	-	-	-	23
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total Production .....</b>	<b>17,948</b>	<b>9,882</b>	<b>3,264</b>	<b>8,860</b>	<b>1,435</b>	<b>41,389</b>	<b>5,540</b>	<b>43,471</b>	<b>253,384</b>
Processing Gain(-) or Loss(+) <sup>1</sup> .....	-1	0	-1	-1	0	-3	2	0	11

- = No Data Reported.

<sup>1</sup> Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

**Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
<b>Crude Oil</b> .....	<b>5,076</b>	<b>689</b>	<b>5,765</b>	<b>9,805</b>	<b>1,725</b>	<b>1,965</b>	<b>13,495</b>
<b>Petroleum Products</b> .....	<b>9,356</b>	<b>2,025</b>	<b>11,381</b>	<b>29,401</b>	<b>7,821</b>	<b>9,974</b>	<b>47,196</b>
Hydrocarbon Gas Liquids .....	535	19	554	2,584	262	805	3,651
Natural Gas Liquids .....	377	19	396	2,156	249	797	3,202
Ethane .....	—	—	—	—	—	—	—
Propane .....	83	2	85	588	22	298	908
Normal Butane .....	235	2	237	1,248	190	191	1,629
Isobutane .....	59	15	74	248	37	151	436
Natural Gasoline .....	—	—	—	72	—	157	229
Refinery Olefins .....	158	0	158	428	13	8	449
Ethylene .....	—	—	—	—	—	—	—
Propylene .....	139	0	139	367	9	8	384
Normal Butylene .....	9	0	9	61	4	0	65
Isobutylene .....	10	0	10	0	0	0	0
Oxygenates/Renewable Fuels/Other Hydrocarbons ....	102	114	216	49	54	30	133
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	102	114	216	40	54	30	124
Fuel Ethanol .....	102	107	209	28	42	28	98
Renewable Diesel Fuel <sup>2</sup> .....	—	7	7	12	12	2	26
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	9	—	—	9
Unfinished Oils .....	3,239	472	3,711	8,230	1,082	3,444	12,756
Naphthas and Lighter .....	474	310	784	1,869	189	1,065	3,123
Kerosene and Light Gas Oils .....	186	—	186	1,853	395	256	2,504
Heavy Gas Oils .....	1,796	158	1,954	3,003	488	1,266	4,757
Residuum .....	783	4	787	1,505	10	857	2,372
Motor Gasoline Blending Components (MGBC) .....	2,852	297	3,149	8,222	1,903	2,844	12,969
Reformulated - RBOB .....	1,016	—	1,016	921	—	—	921
Conventional .....	1,836	297	2,133	7,301	1,903	2,844	12,048
CBOB .....	275	194	469	3,061	1,105	1,779	5,945
GTAB .....	—	—	—	—	—	—	—
Other .....	1,561	103	1,664	4,240	798	1,065	6,103
Aviation Gasoline Blending Components .....	—	—	—	—	—	—	—
Finished Motor Gasoline .....	—	25	25	507	113	202	822
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	—	25	25	507	113	202	822
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	—	25	25	507	113	202	822
Finished Aviation Gasoline .....	—	—	—	—	43	—	43
Kerosene-Type Jet Fuel .....	423	—	423	1,460	290	268	2,018
Kerosene .....	52	3	55	44	—	9	53
Distillate Fuel Oil .....	1,346	189	1,535	3,653	1,021	1,662	6,336
15 ppm sulfur and under .....	1,098	141	1,239	3,513	937	1,398	5,848
Greater than 15 ppm to 500 ppm sulfur .....	37	32	69	—	1	56	57
Greater than 500 ppm sulfur .....	211	16	227	140	83	208	431
Residual Fuel Oil .....	302	15	317	654	336	99	1,089
Less than 0.31 percent sulfur .....	—	14	14	54	—	—	54
0.31 to 1.00 percent sulfur .....	66	1	67	98	68	29	195
Greater than 1.00 percent sulfur .....	236	—	236	502	268	70	840
Petrochemical Feedstocks .....	—	—	—	516	—	—	516
Naphtha for Petro. Feed. Use .....	—	—	—	426	—	—	426
Other Oils for Petro. Feed. Use .....	—	—	—	90	—	—	90
Special Naphthas .....	—	25	25	71	—	14	85
Lubricants .....	361	223	584	—	—	168	168
Waxes .....	—	226	226	—	—	43	43
Petroleum Coke .....	—	—	—	475	1,147	73	1,695
Marketable .....	—	—	—	475	1,147	73	1,695
Catalyst .....	—	—	—	—	—	—	—
Asphalt and Road Oil .....	131	386	517	2,860	1,557	309	4,726
Miscellaneous Products .....	13	31	44	76	13	4	93
<b>Total Stocks, All Oils</b> .....	<b>14,432</b>	<b>2,714</b>	<b>17,146</b>	<b>39,206</b>	<b>9,546</b>	<b>11,939</b>	<b>60,691</b>

See footnotes at end of table.

**Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, June 2021**  
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
<b>Crude Oil</b> .....	<b>2,229</b>	<b>25,491</b>	<b>16,059</b>	<b>1,245</b>	<b>309</b>	<b>45,333</b>	<b>2,332</b>	<b>20,957</b>	<b>87,882</b>
<b>Petroleum Products</b> .....	<b>10,181</b>	<b>59,785</b>	<b>43,026</b>	<b>3,666</b>	<b>1,121</b>	<b>117,779</b>	<b>10,518</b>	<b>47,140</b>	<b>234,014</b>
Hydrocarbon Gas Liquids .....	3,265	2,476	1,647	12	94	7,494	444	1,507	13,650
Natural Gas Liquids .....	2,577	2,296	1,381	11	94	6,359	317	1,408	11,682
Ethane .....	13	—	—	—	—	13	—	—	13
Propane .....	299	510	75	2	3	889	32	79	1,993
Normal Butane .....	1,599	1,547	446	5	63	3,660	193	952	6,671
Isobutane .....	496	210	408	4	10	1,128	70	373	2,081
Natural Gasoline .....	170	29	452	—	18	669	22	4	924
Refinery Olefins .....	688	180	266	1	0	1,135	127	99	1,968
Ethylene .....	0	—	—	—	—	0	—	—	0
Propylene .....	502	42	106	1	0	651	2	10	1,186
Normal Butylene .....	186	137	133	0	0	456	125	89	744
Isobutylene .....	0	1	27	0	0	28	0	0	38
Oxygenates/Renewable Fuels/Other Hydrocarbons ....	28	82	142	58	5	315	130	796	1,590
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—	—	—
All Other Oxygenates <sup>1</sup> .....	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	28	82	142	58	5	315	130	796	1,581
Fuel Ethanol .....	19	49	80	40	2	190	124	192	813
Renewable Diesel Fuel <sup>2</sup> .....	9	33	62	18	3	125	6	604	768
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	—	—	—	—	—	—	9
Unfinished Oils .....	2,321	25,139	15,381	1,043	485	44,369	3,871	18,633	83,340
Naphthas and Lighter .....	670	6,262	1,814	273	161	9,180	1,058	3,169	17,314
Kerosene and Light Gas Oils .....	537	3,769	2,233	214	142	6,895	661	3,135	13,381
Heavy Gas Oils .....	631	12,839	8,290	481	182	22,423	1,749	9,568	40,451
Residuum .....	483	2,269	3,044	75	—	5,871	403	2,761	12,194
Motor Gasoline Blending Components (MGBC) .....	2,341	11,881	10,390	327	206	25,145	2,626	13,113	57,002
Reformulated - RBOB .....	155	1,174	442	—	7	1,778	—	4,561	8,276
Conventional .....	2,186	10,707	9,948	327	199	23,367	2,626	8,552	48,726
CBOB .....	1,223	3,306	4,947	249	22	9,747	1,447	2,384	19,992
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	963	7,401	5,001	78	177	13,620	1,179	6,168	28,734
Aviation Gasoline Blending Components .....	14	—	13	—	—	27	—	—	27
Finished Motor Gasoline .....	114	1,733	1,527	17	—	3,391	647	545	5,430
Reformulated .....	—	—	—	—	—	—	—	16	16
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	16	16
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	114	1,733	1,527	17	—	3,391	647	529	5,414
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	50	—	50
Ed55 and Lower .....	—	—	—	—	—	—	50	—	50
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	114	1,733	1,527	17	—	3,391	597	529	5,364
Finished Aviation Gasoline .....	30	68	169	—	—	267	8	210	528
Kerosene-Type Jet Fuel .....	276	2,734	2,158	61	—	5,229	240	3,465	11,375
Kerosene .....	36	—	71	5	—	112	1	3	224
Distillate Fuel Oil .....	843	7,340	5,814	392	95	14,484	1,373	4,667	28,395
15 ppm sulfur and under .....	812	6,397	4,210	263	95	11,777	1,225	4,059	24,148
Greater than 15 ppm to 500 ppm sulfur .....	31	157	759	8	—	955	94	270	1,445
Greater than 500 ppm sulfur .....	—	786	845	121	—	1,752	54	338	2,802
Residual Fuel Oil .....	135	1,578	1,154	15	69	2,951	221	1,678	6,256
Less than 0.31 percent sulfur .....	24	—	34	—	—	58	30	30	186
0.31 to 1.00 percent sulfur .....	54	219	224	15	—	512	4	130	908
Greater than 1.00 percent sulfur .....	57	1,359	896	—	69	2,381	187	1,518	5,162
Petrochemical Feedstocks .....	105	1,354	918	3	—	2,380	—	2	2,898
Naphtha for Petro. Feed. Use .....	28	938	878	3	—	1,847	—	2	2,275
Other Oils for Petro. Feed. Use .....	77	416	40	—	—	533	—	—	623
Special Naphthas .....	111	536	—	102	—	749	—	60	919
Lubricants .....	26	1,690	1,908	671	—	4,295	—	669	5,716
Waxes .....	—	80	88	65	—	233	—	—	502
Petroleum Coke .....	28	2,612	1,005	—	—	3,645	238	1,006	6,584
Marketable .....	28	2,612	1,005	—	—	3,645	238	1,006	6,584
Catalyst .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	499	219	533	894	143	2,288	705	704	8,940
Miscellaneous Products .....	9	263	108	1	24	405	14	82	638
<b>Total Stocks, All Oils</b> .....	<b>12,410</b>	<b>85,276</b>	<b>59,085</b>	<b>4,911</b>	<b>1,430</b>	<b>163,112</b>	<b>12,850</b>	<b>68,097</b>	<b>321,896</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

**Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, June 2021**

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids .....	5.2	2.7	4.9	5.8	4.1	2.8	4.9
Finished Motor Gasoline <sup>1</sup> .....	52.2	35.7	50.3	51.8	47.9	49.8	50.8
Finished Aviation Gasoline <sup>2</sup> .....	-	-	-	-	0.1	-	0.0
Kerosene-Type Jet Fuel .....	8.2	-	7.3	8.1	4.5	3.3	6.5
Kerosene .....	-0.2	-	-0.2	0.1	-	-	0.0
Distillate Fuel Oil <sup>3</sup> .....	25.1	23.3	24.9	24.0	31.7	38.3	28.3
Residual Fuel Oil .....	6.2	0.2	5.6	1.0	1.1	0.4	0.9
Naphtha for Petro. Feed. Use .....	-	-	-	0.8	-	-	0.5
Other Oils for Petro. Feed. Use .....	-	-	-	0.5	-	0.2	0.3
Special Naphthas .....	-	0.7	0.1	-0.1	-	0.1	0.0
Lubricants .....	1.0	5.7	1.5	-	-	0.8	0.2
Waxes .....	-	-0.7	-0.1	-	-	0.1	0.0
Petroleum Coke .....	3.1	0.8	2.8	5.4	6.7	3.1	5.1
Asphalt and Road Oil .....	1.4	25.6	4.1	4.7	7.5	1.5	4.3
Still Gas .....	4.1	2.3	3.9	3.6	3.7	4.1	3.7
Miscellaneous Products .....	0.2	1.4	0.3	0.4	0.8	0.2	0.4
Processing Gain(-) or Loss(+) <sup>4</sup> .....	-6.5	2.4	-5.5	-6.1	-7.9	-4.4	-5.9

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids .....	4.6	6.9	6.1	0.8	2.0	6.2	2.6	2.9	5.3
Finished Motor Gasoline <sup>1</sup> .....	50.9	42.0	44.9	27.3	50.9	43.5	44.7	49.0	46.4
Finished Aviation Gasoline <sup>2</sup> .....	0.5	0.1	0.2	-	-	0.1	0.0	0.0	0.1
Kerosene-Type Jet Fuel .....	6.5	7.2	8.6	2.0	-	7.5	5.2	15.2	8.2
Kerosene .....	0.0	-	0.0	0.0	-	0.0	-	0.0	0.0
Distillate Fuel Oil <sup>3</sup> .....	30.2	32.2	31.5	32.6	41.6	31.9	34.3	21.5	29.3
Residual Fuel Oil .....	1.7	0.2	0.6	-0.3	1.0	0.5	2.2	4.0	1.4
Naphtha for Petro. Feed. Use .....	0.5	2.5	1.5	-	-	1.9	-	-	1.1
Other Oils for Petro. Feed. Use .....	0.1	1.2	1.0	-	-	1.0	-	-	0.6
Special Naphthas .....	0.5	0.5	-	2.7	-	0.4	-	0.1	0.2
Lubricants .....	0.0	1.3	1.8	11.0	-	1.7	-	0.9	1.1
Waxes .....	-	0.0	0.0	0.3	-	0.0	-	-	0.0
Petroleum Coke .....	2.2	5.7	5.0	1.7	0.8	5.1	4.0	5.6	5.0
Asphalt and Road Oil .....	1.5	0.3	0.6	17.4	2.9	1.0	6.0	1.2	2.2
Still Gas .....	4.4	4.7	3.7	4.1	2.3	4.3	4.1	4.9	4.2
Miscellaneous Products .....	0.7	0.7	0.4	0.0	2.0	0.6	0.7	0.5	0.5
Processing Gain(-) or Loss(+) <sup>4</sup> .....	-4.3	-5.5	-5.9	0.1	-3.0	-5.4	-3.8	-5.7	-5.5

- = No Data Reported.

<sup>1</sup> Based on net production of finished motor gasoline minus input of natural gas plant liquids, fuel ethanol, oxygenates, and net input of motor gasoline blending components.

<sup>2</sup> Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

<sup>3</sup> Based on distillate fuel oil net production minus input of biodiesel, "other" renewable diesel fuels, and "other" renewable fuels.

<sup>4</sup> Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.

**Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, June 2021**  
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil		
	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
<b>PAD District 1</b> .....	<b>—</b>	<b>440</b>	<b>440</b>
Connecticut .....	—	—	—
Delaware .....	—	—	—
Florida .....	—	—	—
Georgia .....	—	—	—
Maine .....	—	—	—
Maryland .....	—	—	—
Massachusetts .....	—	—	—
New Hampshire .....	—	—	—
New Jersey .....	—	440	440
New York .....	—	—	—
North Carolina .....	—	—	—
Pennsylvania .....	—	—	—
Rhode Island .....	—	—	—
South Carolina .....	—	—	—
Vermont .....	—	—	—
Virginia .....	—	—	—
West Virginia .....	—	—	—
<b>PAD District 2</b> .....	<b>6</b>	<b>86</b>	<b>92</b>
Illinois .....	—	—	—
Indiana .....	—	—	—
Michigan .....	—	86	86
Minnesota .....	—	—	—
North Dakota .....	6	—	6
Ohio .....	—	—	—
Wisconsin .....	—	—	—
<b>PAD District 3</b> .....	<b>375</b>	<b>5,034</b>	<b>5,409</b>
Alabama .....	—	—	—
Louisiana .....	166	566	732
Mississippi .....	—	637	637
New Mexico .....	—	—	—
Texas .....	209	3,831	4,040
<b>PAD District 4</b> .....	<b>—</b>	<b>—</b>	<b>—</b>
Idaho .....	—	—	—
Montana .....	—	—	—
<b>PAD District 5</b> .....	<b>268</b>	<b>601</b>	<b>869</b>
Alaska .....	—	—	—
California .....	185	601	786
Hawaii .....	—	—	—
Oregon .....	—	—	—
Washington .....	83	—	83
<b>U.S. Total</b> .....	<b>649</b>	<b>6,161</b>	<b>6,810</b>

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 37. Imports of Crude Oil and Petroleum Products by PAD District, June 2021**  
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1,2</sup></b> .....	<b>17,528</b>	<b>81,182</b>	<b>50,366</b>	<b>8,740</b>	<b>40,235</b>	<b>198,051</b>	<b>6,602</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>745</b>	<b>1,796</b>	<b>—</b>	<b>239</b>	<b>1,213</b>	<b>3,993</b>	<b>133</b>
Natural Gas Liquids .....	515	1,538	—	239	1,213	3,505	117
Ethane .....	—	—	—	—	—	—	—
Propane .....	515	797	—	206	557	2,075	69
Normal Butane .....	—	420	—	33	652	1,105	37
Isobutane .....	—	314	—	—	4	318	11
Natural Gasoline .....	—	7	—	—	—	7	0
Refinery Olefins .....	230	258	—	—	—	488	16
Ethylene .....	—	—	—	—	—	—	—
Propylene .....	230	194	—	—	—	424	14
Normal Butylene .....	—	64	—	—	—	64	2
Isobutylene .....	—	—	—	—	—	—	—
<b>Other Liquids</b> .....	<b>23,029</b>	<b>160</b>	<b>18,796</b>	<b>53</b>	<b>7,839</b>	<b>49,877</b>	<b>1,663</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons .....	219	77	4	3	1,539	1,842	61
Hydrogen .....	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol) .....	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE) .....	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup> .....	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol) .....	219	77	—	3	1,539	1,838	61
Fuel Ethanol .....	—	—	—	—	300	300	10
Biodiesel .....	219	77	—	3	147	446	15
Other Renewable Diesel Fuel .....	—	—	—	—	1,092	1,092	36
Other Renewable Fuels .....	—	—	—	—	—	—	—
Other Hydrocarbons .....	—	—	4	—	—	4	0
Unfinished Oils <sup>1</sup> .....	1,902	—	16,730	—	3,828	22,460	749
Naphthas and Lighter .....	378	—	—	—	—	378	13
Kerosene and Lighter Gas Oils .....	—	—	21	—	—	21	1
Heavy Gas Oils .....	1,524	—	6,318	—	3,828	11,670	389
Residuum .....	—	—	10,391	—	—	10,391	346
Motor Gasoline Blend.Comp. (MGBC) .....	20,908	83	2,062	50	2,472	25,575	853
Reformulated - RBOB .....	8,253	—	—	—	—	8,253	275
Conventional .....	12,655	83	2,062	50	2,472	17,322	577
CBOB .....	1,551	—	—	—	364	1,915	64
GTAB .....	3,894	—	—	—	397	4,291	143
Other .....	7,210	83	2,062	50	1,711	11,116	371
Aviation Gasoline Blend. Comp. ....	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b> .....	<b>12,793</b>	<b>1,726</b>	<b>7,153</b>	<b>227</b>	<b>5,125</b>	<b>27,024</b>	<b>901</b>
Finished Motor Gasoline .....	2,300	—	—	—	921	3,221	107
Reformulated .....	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—
Conventional .....	2,300	—	—	—	921	3,221	107
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—
Conventional Other .....	2,300	—	—	—	921	3,221	107
Finished Aviation Gasoline .....	27	5	28	2	2	64	2
Kerosene-Type Jet Fuel .....	2,876	—	—	25	2,456	5,357	179
Bonded Aircraft Fuel .....	—	—	—	—	353	353	12
Other .....	2,876	—	—	25	2,103	5,004	167
Kerosene .....	4	—	—	—	—	4	0
Distillate Fuel Oil .....	6,177	134	—	144	752	7,207	240
15 ppm sulfur and under .....	6,177	130	—	144	437	6,888	230
Bonded .....	—	—	—	—	—	—	—
Other .....	6,177	130	—	144	437	6,888	230
Greater than 15 ppm to 500 ppm sulfur .....	—	1	—	—	315	316	11
Bonded .....	—	—	—	—	—	—	—
Other .....	—	1	—	—	315	316	11
Greater than 500 ppm to 2000 ppm sulfur .....	—	3	—	—	—	3	0
Bonded .....	—	—	—	—	—	—	—
Other .....	—	3	—	—	—	3	0
Greater than 2000 ppm .....	—	—	—	—	—	—	—
Bonded .....	—	—	—	—	—	—	—
Other .....	—	—	—	—	—	—	—
Residual Fuel Oil .....	440	92	5,409	—	869	6,810	227
Less than 0.31 percent sulfur .....	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur .....	—	6	375	—	268	649	22
Greater than 1.00 percent sulfur .....	440	86	5,034	—	601	6,161	205
Petrochemical Feedstocks .....	4	155	331	—	43	533	18
Naphtha for Petro. Feed. Use .....	4	85	286	—	43	418	14
Other Oils for Petro. Feed. Use .....	—	70	45	—	—	115	4
Special Naphthas .....	3	6	109	—	—	118	4
Lubricants .....	205	248	1,051	—	30	1,534	51
Waxes .....	95	18	57	—	12	182	6
Petroleum Coke (Marketable) .....	1	34	168	—	—	203	7
Asphalt and Road Oil .....	660	1,034	—	55	40	1,789	60
Miscellaneous Products .....	1	—	—	1	—	2	0
<b>Total</b> .....	<b>54,095</b>	<b>84,864</b>	<b>76,315</b>	<b>9,259</b>	<b>54,412</b>	<b>278,945</b>	<b>9,298</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-June 2021**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1,2</sup></b>	<b>98,333</b>	<b>459,888</b>	<b>258,626</b>	<b>53,447</b>	<b>198,158</b>	<b>1,068,452</b>	<b>5,903</b>
<b>Hydrocarbon Gas Liquids</b>	<b>8,076</b>	<b>14,521</b>	<b>32</b>	<b>2,563</b>	<b>8,727</b>	<b>33,919</b>	<b>187</b>
Natural Gas Liquids	6,424	13,050	—	2,563	8,727	30,764	170
Ethane	—	—	—	—	—	—	—
Propane	5,877	9,195	—	2,090	5,612	22,774	126
Normal Butane	378	2,737	—	425	3,110	6,650	37
Isobutane	169	1,080	—	48	5	1,302	7
Natural Gasoline	—	38	—	—	—	38	0
Refinery Olefins	1,652	1,471	32	—	—	3,155	17
Ethylene	—	—	—	—	—	—	—
Propylene	1,652	1,080	—	—	—	2,732	15
Normal Butylene	—	371	32	—	—	403	2
Isobutylene	—	20	—	—	—	20	0
<b>Other Liquids</b>	<b>120,866</b>	<b>2,063</b>	<b>97,436</b>	<b>514</b>	<b>24,509</b>	<b>245,388</b>	<b>1,356</b>
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	983	426	137	233	6,048	7,827	43
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates <sup>3</sup>	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	983	426	104	233	6,048	7,794	43
Fuel Ethanol	—	—	—	—	300	300	2
Biodiesel	983	426	54	233	418	2,114	12
Other Renewable Diesel Fuel	—	—	50	—	5,330	5,380	30
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	33	—	—	33	0
Unfinished Oils <sup>1</sup>	10,626	—	81,105	25	11,195	102,951	569
Naphthas and Lighter	2,423	—	104	—	346	2,873	16
Kerosene and Lighter Gas Oils	—	—	60	25	122	207	1
Heavy Gas Oils	8,203	—	30,350	—	10,407	48,960	270
Residuum	—	—	50,591	—	320	50,911	281
Motor Gasoline Blend Comp. (MGBC)	109,257	1,637	16,194	256	7,266	134,610	744
Reformulated - RBOB	38,485	—	—	—	—	38,485	213
Conventional	70,772	1,637	16,194	256	7,266	96,125	531
CBOB	5,307	—	66	—	885	6,258	35
GTAB	21,653	153	617	—	554	22,977	127
Other	43,812	1,484	15,511	256	5,827	66,890	370
Aviation Gasoline Blend Comp.	—	—	—	—	—	—	—
<b>Finished Petroleum Products</b>	<b>88,232</b>	<b>8,691</b>	<b>34,915</b>	<b>1,604</b>	<b>27,849</b>	<b>161,291</b>	<b>891</b>
Finished Motor Gasoline	16,250	100	1,191	—	3,575	21,116	117
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	16,250	100	1,191	—	3,575	21,116	117
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	16,250	100	1,191	—	3,575	21,116	117
Finished Aviation Gasoline	45	25	130	29	10	239	1
Kerosene-Type Jet Fuel	9,324	37	—	315	15,767	25,443	141
Bonded Aircraft Fuel	119	—	—	—	1,869	1,988	11
Other	9,205	37	—	315	13,898	23,455	130
Kerosene	4	—	—	—	—	4	0
Distillate Fuel Oil	49,947	970	1,486	926	3,782	57,111	316
15 ppm sulfur and under	49,947	956	1,086	926	2,839	55,754	308
Bonded	145	—	—	—	—	145	1
Other	49,802	956	1,086	926	2,839	55,609	307
Greater than 15 ppm to 500 ppm sulfur	—	7	—	—	943	950	5
Bonded	—	—	—	—	—	—	—
Other	—	7	—	—	943	950	5
Greater than 500 ppm to 2000 ppm sulfur	—	7	400	—	—	407	2
Bonded	—	—	—	—	—	—	—
Other	—	7	400	—	—	407	2
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	6,820	989	19,710	—	3,807	31,326	173
Less than 0.31 percent sulfur	200	—	1,356	—	—	1,556	9
0.31 to 1.00 percent sulfur	2,357	182	935	—	1,942	5,416	30
Greater than 1.00 percent sulfur	4,263	807	17,419	—	1,865	24,354	135
Petrochemical Feedstocks	351	879	2,068	—	163	3,461	19
Naphtha for Petro. Feed. Use	341	476	1,808	—	163	2,788	15
Other Oils for Petro. Feed. Use	10	403	260	—	—	673	4
Special Naphthas	19	44	1,767	—	—	1,830	10
Lubricants	897	1,344	6,210	—	187	8,638	48
Waxes	606	110	323	—	143	1,182	7
Petroleum Coke (Marketable)	8	177	1,932	—	—	2,117	12
Asphalt and Road Oil	3,960	4,016	98	328	415	8,817	49
Miscellaneous Products	1	—	—	6	—	7	0
<b>Total</b>	<b>315,507</b>	<b>485,163</b>	<b>391,009</b>	<b>58,128</b>	<b>259,243</b>	<b>1,509,050</b>	<b>8,337</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b>	<b>27,976</b>	<b>144</b>	<b>-</b>	<b>2,289</b>	<b>-</b>	<b>23</b>	<b>23</b>	<b>190</b>	<b>2,662</b>	<b>2,852</b>
Algeria	215	-	-	766	-	-	-	-	-	-
Angola	741	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	5,401	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	3,101	-	-	41	-	-	-	-	-	-
Nigeria	5,443	144	-	-	-	23	23	-	316	316
Saudi Arabia	13,075	-	-	1,482	-	-	-	190	2,346	2,536
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>170,075</b>	<b>3,361</b>	<b>488</b>	<b>20,171</b>	<b>-</b>	<b>3,198</b>	<b>3,198</b>	<b>8,063</b>	<b>14,660</b>	<b>22,723</b>
Argentina	580	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	1,029	-	10	10	1,060	497	1,557
Brazil	3,274	-	-	-	-	19	19	-	398	398
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	120,490	3,360	488	60	-	550	550	3,147	1,091	4,238
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,265	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	2	1	3
Ecuador	3,552	-	-	256	-	-	-	-	-	-
Egypt	-	-	-	1,032	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	62	62
France	-	-	-	73	-	-	-	181	681	862
Germany	-	-	-	34	-	-	-	-	115	115
Guatemala	280	-	-	-	-	-	-	-	-	-
India	-	-	-	100	-	71	71	-	2,454	2,454
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	37	-	276	276	-	1,098	1,098
Korea, South	-	1	-	-	-	576	576	-	812	812
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	159	159	-	654	654
Malaysia	-	-	-	379	-	-	-	-	-	-
Mexico	20,423	-	-	1,435	-	-	-	-	-	-
Netherlands	-	-	-	142	-	427	427	1,437	2,574	4,011
Norway	721	-	-	-	-	101	101	732	451	1,183
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	78	78	494	504	998
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	8,466	-	-	13,547	-	510	510	68	1,218	1,286
Spain	-	-	-	-	-	-	-	-	369	369
Sweden	-	-	-	-	-	4	4	-	83	83
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	886	-	-	-	-	-	-	-	-	-
United Kingdom	2,503	-	-	779	-	6	6	942	354	1,296
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	657	-	99	99	-	5	5
Yemen	-	-	-	-	-	-	-	-	-	-
Other	3,635	0	0	611	-	312	312	0	1,239	1,239
<b>Total</b>	<b>198,051</b>	<b>3,505</b>	<b>488</b>	<b>22,460</b>	<b>-</b>	<b>3,221</b>	<b>3,221</b>	<b>8,253</b>	<b>17,322</b>	<b>25,575</b>
<b>Persian Gulf<sup>3</sup></b>	<b>18,476</b>	<b>-</b>	<b>-</b>	<b>1,482</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>190</b>	<b>2,346</b>	<b>2,536</b>

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b>	--	--	-	-	-	-	99	-	-	-	99
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	99	-	-	-	99
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	300	446	1,092	-	6,789	316	3	-	7,108
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	1,452	-	-	-	1,452
Brazil	--	--	300	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	234	-	-	3,769	1	3	-	3,773
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	577	-	-	-	577
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	151	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	61	-	-	-	315	-	-	315
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	326	-	-	-	326
Russia	--	--	-	-	-	-	454	-	-	-	454
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	0	0	1,092	-	211	0	0	-	211
<b>Total</b>	--	--	300	446	1,092	-	6,888	316	3	-	7,207
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	326	-	-	-	326

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	—	—	—	1,053	—	—	—	645	645
Algeria .....	—	—	—	—	—	—	—	—	—
Angola .....	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	351	—	—	—	608	608
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	66	—	—	—	—	—
Saudi Arabia .....	—	—	—	152	—	—	—	37	37
United Arab Emirates .....	—	—	—	484	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	4	64	—	4,304	118	—	649	5,516	6,165
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	—	—	235	235
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	—	—	—	649	649
Brunei .....	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	4	10	—	913	9	—	89	892	981
Chad .....	—	—	—	—	—	—	—	—	—
China .....	—	—	—	303	—	—	—	—	—
Colombia .....	—	—	—	—	—	—	—	76	76
Denmark .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	769	769
Egypt .....	—	—	—	—	—	—	—	34	34
Estonia .....	—	28	—	—	—	—	—	—	—
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	—	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	516	—	—	—	182	182
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	—	—	—	—	208	208
Korea, South .....	—	—	—	2,017	90	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	—	—	—	1,664	1,664
Netherlands .....	—	26	—	—	19	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	—	560	602	1,162
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. .....	—	—	—	—	—	—	—	—	—
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	555	0	—	0	205	205
<b>Total</b> .....	4	64	—	5,357	118	—	649	6,161	6,810
<b>Persian Gulf<sup>6</sup></b> .....	—	—	—	987	—	—	—	880	880

See footnotes at end of table.

**Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	—	—	—	—	—	160	—	7,265	35,241	933	242	1,175
Algeria .....	—	—	—	—	—	—	—	766	981	7	26	33
Angola .....	—	—	—	—	—	—	—	—	741	25	—	25
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	—	—	—	—	—	—
Iran .....	—	—	—	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	5,401	180	—	180
Kuwait .....	—	—	—	—	—	—	—	959	959	—	32	32
Libya .....	—	—	—	—	—	—	—	41	3,142	103	1	105
Nigeria .....	—	—	—	—	—	—	—	648	6,091	181	22	203
Saudi Arabia .....	—	—	—	—	—	—	—	4,207	17,282	436	140	576
United Arab Emirates .....	—	—	—	—	—	160	—	644	644	—	21	21
Venezuela .....	—	—	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	418	115	182	203	1,789	1,374	2	73,629	243,704	5,669	2,454	8,123
Argentina .....	—	—	—	102	—	4	—	106	686	19	4	23
Aruba .....	—	—	—	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain .....	—	—	—	—	—	63	—	298	298	—	10	10
Belgium .....	36	—	—	—	—	2	—	4,086	4,086	—	136	136
Brazil .....	—	—	—	55	—	—	—	1,421	4,695	109	47	157
Brunei .....	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—	—	—	—
Canada .....	89	95	106	34	1,744	392	2	17,082	137,572	4,016	569	4,586
Chad .....	—	—	—	—	—	—	—	—	—	—	—	—
China .....	—	—	5	—	—	—	—	308	308	—	10	10
Colombia .....	—	—	—	—	—	—	—	653	5,918	176	22	197
Denmark .....	—	—	—	—	—	—	—	3	3	—	0	0
Ecuador .....	—	—	—	—	—	—	—	1,025	4,577	118	34	153
Egypt .....	—	—	—	—	—	—	—	1,066	1,066	—	36	36
Estonia .....	—	—	—	—	—	—	—	28	28	—	1	1
Finland .....	—	—	—	—	—	—	—	62	62	—	2	2
France .....	—	20	—	—	—	5	—	960	960	—	32	32
Germany .....	—	—	—	—	—	15	—	315	315	—	11	11
Guatemala .....	—	—	—	—	—	—	—	—	280	9	—	9
India .....	—	—	—	—	—	—	—	3,323	3,323	—	111	111
Indonesia .....	—	—	—	—	—	59	—	59	59	—	2	2
Italy .....	—	—	—	—	—	13	—	1,632	1,632	—	54	54
Korea, South .....	—	—	—	—	—	234	—	4,106	4,106	—	137	137
Latvia .....	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	813	813	—	27	27
Malaysia .....	—	—	13	—	—	—	—	392	392	—	13	13
Mexico .....	132	—	—	—	—	—	—	3,231	23,654	681	108	788
Netherlands .....	—	—	—	—	—	219	—	4,844	4,844	—	161	161
Norway .....	—	—	—	—	—	—	—	1,284	2,005	24	43	67
Oman .....	—	—	—	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	1,076	1,076	—	36	36
Qatar .....	—	—	—	—	—	365	—	691	691	—	23	23
Russia .....	—	—	—	—	—	2	—	16,961	25,427	282	565	848
Spain .....	—	—	—	—	—	—	—	369	369	—	12	12
Sweden .....	—	—	—	—	—	—	—	87	87	—	3	3
Syria .....	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	886	30	—	30
United Kingdom .....	—	—	45	—	—	—	—	2,126	4,629	83	71	154
Vietnam .....	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	—	—	—	—	761	761	—	25	25
Yemen .....	—	—	—	—	—	—	—	—	—	—	—	—
Other .....	161	0	13	12	45	1	0	4,461	8,096	122	149	269
<b>Total</b> .....	<b>418</b>	<b>115</b>	<b>182</b>	<b>203</b>	<b>1,789</b>	<b>1,534</b>	<b>2</b>	<b>80,894</b>	<b>278,945</b>	<b>6,602</b>	<b>2,696</b>	<b>9,298</b>
<b>Persian Gulf<sup>6</sup></b> .....	—	—	—	—	—	588	—	6,799	25,275	616	227	843

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b>	<b>129,094</b>	<b>309</b>	<b>-</b>	<b>5,951</b>	<b>-</b>	<b>320</b>	<b>320</b>	<b>190</b>	<b>7,717</b>	<b>7,907</b>
Algeria	5,532	-	-	1,151	-	-	-	-	326	326
Angola	5,602	-	-	-	-	-	-	-	647	647
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	165	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	6	6
Iran	1,033	-	-	-	-	-	-	-	-	-
Iraq	25,996	-	-	1,050	-	-	-	-	-	-
Kuwait	2,498	-	-	-	-	-	-	-	-	-
Libya	15,431	-	-	137	-	-	-	-	-	-
Nigeria	20,066	144	-	101	-	40	40	-	1,925	1,925
Saudi Arabia	52,936	-	-	3,512	-	280	280	190	4,446	4,636
United Arab Emirates	-	-	-	-	-	-	-	-	367	367
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>939,358</b>	<b>30,455</b>	<b>3,155</b>	<b>97,000</b>	<b>-</b>	<b>20,796</b>	<b>20,796</b>	<b>38,295</b>	<b>88,408</b>	<b>126,703</b>
Argentina	3,069	55	-	12	-	-	-	-	536	536
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	1,187	-	287	287	1,925	3,372	5,297
Brazil	10,970	-	-	-	-	511	511	-	4,652	4,652
Brunei	2,918	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	673,468	30,144	3,123	678	-	3,722	3,722	19,720	7,529	27,249
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	34,131	-	-	-	-	-	-	-	3	3
Denmark	-	-	-	-	-	64	64	123	69	192
Ecuador	28,509	-	-	1,546	-	-	-	-	-	-
Egypt	-	-	-	6,056	-	-	-	-	-	-
Estonia	-	-	-	126	-	-	-	-	-	-
Finland	-	-	-	104	-	178	178	-	4,328	4,328
France	-	-	-	73	-	159	159	2,066	3,066	5,132
Germany	-	-	-	118	-	127	127	-	318	318
Guatemala	562	-	-	-	-	-	-	-	-	-
India	-	-	-	100	-	816	816	-	10,612	10,612
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	724	-	1,053	1,053	23	5,346	5,369
Korea, South	-	3	-	84	-	1,801	1,801	-	4,121	4,121
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	422	422	-	678	678
Malaysia	-	-	-	379	-	-	-	-	-	-
Mexico	106,314	-	32	7,642	-	-	-	-	-	-
Netherlands	-	-	-	372	-	3,445	3,445	6,589	10,445	17,034
Norway	7,442	253	-	916	-	262	262	2,197	1,007	3,204
Oman	-	-	-	-	-	-	-	-	33	33
Portugal	-	-	-	-	-	229	229	1,848	3,979	5,827
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	33,335	-	-	70,098	-	3,360	3,360	276	9,016	9,292
Spain	-	-	-	-	-	593	593	57	4,433	4,490
Sweden	-	-	-	48	-	169	169	175	2,206	2,381
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	6,695	-	-	-	-	-	-	-	-	-
United Kingdom	7,435	-	-	1,248	-	681	681	3,235	3,638	6,873
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	2,528	-	422	422	-	1,736	1,736
Yemen	-	-	-	-	-	-	-	-	-	-
Other	24,510	0	0	2,961	-	2,495	2,495	61	7,285	7,346
<b>Total</b>	<b>1,068,452</b>	<b>30,764</b>	<b>3,155</b>	<b>102,951</b>	<b>-</b>	<b>21,116</b>	<b>21,116</b>	<b>38,485</b>	<b>96,125</b>	<b>134,610</b>
<b>Persian Gulf<sup>3</sup></b>	<b>82,463</b>	<b>-</b>	<b>-</b>	<b>4,562</b>	<b>-</b>	<b>280</b>	<b>280</b>	<b>190</b>	<b>4,813</b>	<b>5,003</b>

See footnotes at end of table.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b>	--	--	-	-	-	-	5,772	-	-	-	5,772
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	24	-	-	-	24
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	1,613	-	-	-	1,613
Saudi Arabia	--	--	-	-	-	-	2,926	-	-	-	2,926
United Arab Emirates	--	--	-	-	-	-	1,209	-	-	-	1,209
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	300	2,114	5,380	-	49,982	950	407	-	51,339
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	308	-	-	-	308
Belgium	--	--	-	-	-	-	3,006	-	-	-	3,006
Brazil	--	--	300	-	-	-	41	-	-	-	41
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	1,414	-	-	24,835	7	7	-	24,849
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	4,110	-	-	-	4,110
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	204	-	-	-	204
France	--	--	-	-	-	-	265	-	-	-	265
Germany	--	--	-	434	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	3,474	-	-	-	3,474
Indonesia	--	--	-	-	-	-	141	-	-	-	141
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	212	-	-	833	943	-	-	1,776
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	71	-	-	-	71
Netherlands	--	--	-	-	-	-	3,815	-	-	-	3,815
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,579	-	-	-	1,579
Portugal	--	--	-	-	-	-	258	-	-	-	258
Qatar	--	--	-	-	-	-	1,501	-	-	-	1,501
Russia	--	--	-	-	-	-	4,550	-	-	-	4,550
Spain	--	--	-	54	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	97	-	-	-	97
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	683	-	400	-	1,083
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	0	0	5,380	-	211	0	0	-	211
<b>Total</b>	--	--	300	2,114	5,380	-	55,754	950	407	-	57,111
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	5,944	-	-	-	5,944

See footnotes at end of table.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	—	—	—	3,859	122	—	134	645	779
Algeria .....	—	—	—	742	—	—	37	—	37
Angola .....	—	—	—	—	—	—	—	—	—
Congo (Brazzaville) .....	—	—	—	—	—	—	—	—	—
Equatorial Guinea .....	—	—	—	—	—	—	—	—	—
Gabon .....	—	—	—	—	—	—	97	—	97
Iran .....	—	—	—	—	—	—	—	—	—
Iraq .....	—	—	—	—	—	—	—	—	—
Kuwait .....	—	—	—	911	—	—	—	608	608
Libya .....	—	—	—	—	—	—	—	—	—
Nigeria .....	—	—	—	66	—	—	—	—	—
Saudi Arabia .....	—	—	—	353	122	—	—	37	37
United Arab Emirates .....	—	—	—	1,787	—	—	—	—	—
Venezuela .....	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b> .....	4	239	—	21,584	1,708	1,556	5,282	23,709	30,547
Argentina .....	—	—	—	—	—	—	—	—	—
Aruba .....	—	—	—	—	—	—	—	—	—
Australia .....	—	—	—	—	—	—	—	—	—
Bahamas .....	—	—	—	—	—	—	101	366	467
Bahrain .....	—	—	—	—	—	—	—	235	235
Belgium .....	—	—	—	—	—	—	—	—	—
Brazil .....	—	—	—	—	106	—	151	759	910
Brunei .....	—	—	—	313	—	—	—	—	—
Cameroon .....	—	—	—	—	—	—	—	—	—
Canada .....	4	70	—	2,551	310	582	1,021	2,163	3,766
Chad .....	—	—	—	—	—	—	—	—	—
China .....	—	—	—	606	—	—	—	—	—
Colombia .....	—	—	—	124	—	—	—	545	545
Denmark .....	—	—	—	—	—	—	—	—	—
Ecuador .....	—	—	—	—	—	—	—	1,377	1,377
Egypt .....	—	—	—	—	—	—	—	604	604
Estonia .....	—	76	—	—	—	—	192	—	192
Finland .....	—	—	—	—	—	—	—	—	—
France .....	—	—	—	309	—	—	—	—	—
Germany .....	—	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	—	—	—	—	—	—
India .....	—	—	—	1,735	89	—	—	714	714
Indonesia .....	—	—	—	—	—	—	—	—	—
Italy .....	—	—	—	558	—	—	—	208	208
Korea, South .....	—	—	—	13,997	735	—	—	—	—
Latvia .....	—	—	—	—	—	—	—	—	—
Lithuania .....	—	—	—	—	—	—	—	—	—
Malaysia .....	—	—	—	—	—	—	—	—	—
Mexico .....	—	—	—	—	36	—	72	10,370	10,442
Netherlands .....	—	93	—	—	19	—	207	226	433
Norway .....	—	—	—	—	—	—	—	—	—
Oman .....	—	—	—	—	—	—	—	—	—
Portugal .....	—	—	—	—	—	—	—	—	—
Qatar .....	—	—	—	—	—	—	—	—	—
Russia .....	—	—	—	—	—	599	2,311	4,151	7,061
Spain .....	—	—	—	—	—	—	—	—	—
Sweden .....	—	—	—	—	—	—	—	—	—
Syria .....	—	—	—	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	—	—	—	—	—	—
United Kingdom .....	—	—	—	—	—	—	—	—	—
Vietnam .....	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S. ....	—	—	—	426	—	375	923	21	1,319
Yemen .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	965	413	0	304	1,970	2,274
<b>Total</b> .....	<b>4</b>	<b>239</b>	<b>—</b>	<b>25,443</b>	<b>1,830</b>	<b>1,556</b>	<b>5,416</b>	<b>24,354</b>	<b>31,326</b>
<b>Persian Gulf<sup>1</sup></b> .....	<b>—</b>	<b>—</b>	<b>—</b>	<b>3,051</b>	<b>122</b>	<b>—</b>	<b>—</b>	<b>880</b>	<b>880</b>

See footnotes at end of table.

**Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b>	<b>50</b>	<b>--</b>	<b>--</b>	<b>451</b>	<b>--</b>	<b>904</b>	<b>--</b>	<b>26,424</b>	<b>155,518</b>	<b>713</b>	<b>146</b>	<b>859</b>
Algeria	--	--	--	--	--	--	--	2,256	7,788	31	12	43
Angola	--	--	--	--	--	--	--	647	6,249	31	4	35
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	165	165	--	1	1
Gabon	--	--	--	--	--	--	--	127	127	--	1	1
Iran	--	--	--	--	--	--	--	--	1,033	6	--	6
Iraq	--	--	--	--	--	--	--	1,050	27,046	144	6	149
Kuwait	--	--	--	157	--	--	--	1,676	4,174	14	9	23
Libya	--	--	--	--	--	--	--	137	15,568	85	1	86
Nigeria	50	--	--	--	--	--	--	3,939	24,005	111	22	133
Saudi Arabia	--	--	--	294	--	--	--	12,253	65,189	292	68	360
United Arab Emirates	--	--	--	--	--	811	--	4,174	4,174	--	23	23
Venezuela	--	--	--	--	--	--	--	--	--	--	--	--
<b>Non-OPEC</b>	<b>2,738</b>	<b>673</b>	<b>1,182</b>	<b>1,666</b>	<b>8,817</b>	<b>7,734</b>	<b>7</b>	<b>414,174</b>	<b>1,353,532</b>	<b>5,190</b>	<b>2,288</b>	<b>7,478</b>
Argentina	--	72	--	777	--	19	--	1,471	4,540	17	8	25
Aruba	--	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	467	467	--	3	3
Bahrain	--	--	--	--	--	547	--	1,090	1,090	--	6	6
Belgium	109	--	--	--	--	53	--	9,939	9,939	--	55	55
Brazil	--	--	--	396	--	--	--	6,916	17,886	61	38	99
Brunei	--	--	--	--	--	--	--	313	3,231	16	2	18
Cameroon	--	--	--	--	--	--	--	--	--	--	--	--
Canada	502	453	531	177	8,513	2,109	7	110,172	783,640	3,721	609	4,330
Chad	--	--	--	--	--	--	--	--	--	--	--	--
China	--	--	170	--	--	--	--	776	776	--	4	4
Colombia	--	--	--	--	128	--	--	4,910	39,041	189	27	216
Denmark	--	--	--	--	--	--	--	256	256	--	1	1
Ecuador	--	--	--	--	--	--	--	2,923	31,432	158	16	174
Egypt	--	--	--	--	--	--	--	6,660	6,660	--	37	37
Estonia	--	--	--	--	--	--	--	394	394	--	2	2
Finland	--	--	--	--	--	--	--	4,814	4,814	--	27	27
France	11	148	13	--	--	80	--	6,190	6,190	--	34	34
Germany	--	--	--	--	--	58	--	1,055	1,055	--	6	6
Guatemala	--	--	--	--	--	--	--	--	562	3	--	3
India	--	--	--	--	--	--	--	17,540	17,540	--	97	97
Indonesia	--	--	--	--	--	517	--	658	658	--	4	4
Italy	--	--	34	--	41	83	--	8,070	8,070	--	45	45
Korea, South	133	--	3	--	--	1,496	--	24,361	24,361	--	135	135
Latvia	--	--	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	1,100	1,100	--	6	6
Malaysia	--	--	102	--	--	1	--	482	482	--	3	3
Mexico	864	--	--	--	--	--	--	19,087	125,401	587	105	693
Netherlands	--	--	--	--	--	486	--	25,717	25,717	--	142	142
Norway	--	--	--	--	--	--	--	4,635	12,077	41	26	67
Oman	--	--	--	114	--	49	--	1,775	1,775	--	10	10
Portugal	--	--	--	--	--	--	--	6,314	6,314	--	35	35
Qatar	--	--	--	--	--	2,185	--	3,686	3,686	--	20	20
Russia	74	--	--	158	--	44	--	94,637	127,972	184	523	707
Spain	--	--	7	--	90	--	--	5,234	5,234	--	29	29
Sweden	--	--	--	7	--	2	--	2,704	2,704	--	15	15
Syria	--	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	6,695	37	--	37
United Kingdom	115	--	110	8	--	--	--	9,035	16,470	41	50	91
Vietnam	--	--	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	177	--	--	--	--	--	--	7,691	7,691	--	42	42
Yemen	--	--	--	--	--	--	--	--	--	--	--	--
Other	753	0	212	29	45	5	0	23,102	47,612	135	126	260
<b>Total</b>	<b>2,788</b>	<b>673</b>	<b>1,182</b>	<b>2,117</b>	<b>8,817</b>	<b>8,638</b>	<b>7</b>	<b>440,598</b>	<b>1,509,050</b>	<b>5,903</b>	<b>2,434</b>	<b>8,337</b>
<b>Persian Gulf<sup>3</sup></b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>451</b>	<b>--</b>	<b>3,636</b>	<b>--</b>	<b>23,929</b>	<b>106,392</b>	<b>456</b>	<b>132</b>	<b>588</b>

-- = Not Applicable.  
 - = No Data Reported.  
 1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.  
 2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.  
 3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.  
 Note: Totals may not equal sum of components due to independent rounding.  
 Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	<b>7,409</b>	<b>144</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>23</b>	<b>23</b>	<b>190</b>	<b>1,676</b>	<b>1,866</b>
Algeria .....	215	-	-	-	-	-	-	-	-	-
Angola .....	24	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	1,044	-	-	-	-	-	-	-	-	-
Nigeria .....	4,485	144	-	-	-	23	23	-	316	316
Saudi Arabia .....	1,641	-	-	-	-	-	-	190	1,360	1,550
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>10,119</b>	<b>371</b>	<b>230</b>	<b>1,902</b>	<b>-</b>	<b>2,277</b>	<b>2,277</b>	<b>8,063</b>	<b>10,979</b>	<b>19,042</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	10	10	1,060	497	1,557
Brazil .....	-	-	-	-	-	19	19	-	302	302
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	4,133	371	230	-	-	328	328	3,147	628	3,775
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	2	-	2
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	181	281	462
Germany .....	-	-	-	-	-	-	-	-	52	52
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	100	-	52	52	-	1,809	1,809
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	257	257	-	949	949
Korea, South .....	-	-	-	-	-	-	-	-	318	318
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	101	101	-	607	607
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	497	-	-	271	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	421	421	1,437	2,155	3,592
Norway .....	721	-	-	-	-	101	101	732	451	1,183
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	78	78	494	486	980
Qatar .....	-	-	-	-	-	-	-	-	-	-
Russia .....	1,450	-	-	1,253	-	510	510	68	1,066	1,134
Spain .....	-	-	-	-	-	-	-	-	332	332
Sweden .....	-	-	-	-	-	4	4	-	72	72
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	507	-	-	-	-	-	-	-	-	-
United Kingdom .....	1,178	-	-	-	-	6	6	942	354	1,296
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	278	-	78	78	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	1,633	0	0	0	-	312	312	0	620	620
<b>Total</b> .....	<b>17,528</b>	<b>515</b>	<b>230</b>	<b>1,902</b>	<b>-</b>	<b>2,300</b>	<b>2,300</b>	<b>8,253</b>	<b>12,655</b>	<b>20,908</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>1,641</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>190</b>	<b>1,360</b>	<b>1,550</b>

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b>	--	--	-	-	-	-	99	-	-	-	99
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	99	-	-	-	99
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	219	-	-	6,078	-	-	-	6,078
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	1,452	-	-	-	1,452
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	68	-	-	3,058	-	-	-	3,058
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	577	-	-	-	577
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	151	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	326	-	-	-	326
Russia	--	--	-	-	-	-	454	-	-	-	454
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	211	-	-	-	211
<b>Total</b>	--	--	-	219	-	-	6,177	-	-	-	6,177
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	326	-	-	-	326

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	-	-	-	1,053	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	351	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	66	-	-	-	-	-
Saudi Arabia .....	-	-	-	152	-	-	-	-	-
United Arab Emirates .....	-	-	-	484	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	4	27	-	1,823	3	-	-	440	440
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	4	1	-	348	3	-	-	440	440
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	516	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	711	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	26	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	248	0	-	-	0	0
<b>Total</b> .....	4	27	-	2,876	3	-	-	440	440
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	987	-	-	-	-	-

See footnotes at end of table.

**Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b>	—	—	—	—	—	38	—	3,223	10,632	247	107	354
Algeria	—	—	—	—	—	—	—	—	215	7	—	7
Angola	—	—	—	—	—	—	—	—	24	1	—	1
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	351	351	—	12	12
Libya	—	—	—	—	—	—	—	—	1,044	35	—	35
Nigeria	—	—	—	—	—	—	—	648	5,133	150	22	171
Saudi Arabia	—	—	—	—	—	—	—	1,702	3,343	55	57	111
United Arab Emirates	—	—	—	—	—	38	—	522	522	—	17	17
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b>	4	—	95	1	660	167	1	33,344	43,463	337	1,111	1,449
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1	—	3,020	3,020	—	101	101
Brazil	—	—	—	—	—	—	—	321	321	—	11	11
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	4	—	88	—	615	125	1	9,459	13,592	138	315	453
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	5	—	—	—	—	5	5	—	0	0
Colombia	—	—	—	—	—	—	—	577	577	—	19	19
Denmark	—	—	—	—	—	—	—	2	2	—	0	0
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	2	—	464	464	—	15	15
Germany	—	—	—	—	—	7	—	210	210	—	7	7
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	2,477	2,477	—	83	83
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	5	—	1,211	1,211	—	40	40
Korea, South	—	—	—	—	—	25	—	1,054	1,054	—	35	35
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	708	708	—	24	24
Malaysia	—	—	1	—	—	—	—	1	1	—	0	0
Mexico	—	—	—	—	—	—	—	271	768	17	9	26
Netherlands	—	—	—	—	—	—	—	4,039	4,039	—	135	135
Norway	—	—	—	—	—	—	—	1,284	2,005	24	43	67
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	1,058	1,058	—	35	35
Qatar	—	—	—	—	—	—	—	326	326	—	11	11
Russia	—	—	—	—	—	2	—	3,353	4,803	48	112	160
Spain	—	—	—	—	—	—	—	332	332	—	11	11
Sweden	—	—	—	—	—	—	—	76	76	—	3	3
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	507	17	—	17
United Kingdom	—	—	—	—	—	—	—	1,302	2,480	39	43	83
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	356	356	—	12	12
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	1	1	45	0	0	1,438	3,071	54	47	101
<b>Total</b>	<b>4</b>	<b>—</b>	<b>95</b>	<b>1</b>	<b>660</b>	<b>205</b>	<b>1</b>	<b>36,567</b>	<b>54,095</b>	<b>584</b>	<b>1,219</b>	<b>1,803</b>
<b>Persian Gulf<sup>6</sup></b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>38</b>	<b>—</b>	<b>2,901</b>	<b>4,542</b>	<b>55</b>	<b>97</b>	<b>151</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>81,182</b>	<b>1,538</b>	<b>258</b>	-	-	-	-	-	<b>83</b>	<b>83</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	81,182	1,537	258	-	-	-	-	-	83	83
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	1	0	-	-	-	-	-	0	0
<b>Total</b> .....	<b>81,182</b>	<b>1,538</b>	<b>258</b>	-	-	-	-	-	<b>83</b>	<b>83</b>
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	--	--	-	-	-	-	-	-	-	-	-
Algeria .....	--	--	-	-	-	-	-	-	-	-	-
Angola .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Gabon .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	77	-	-	130	1	3	-	134
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Bahamas .....	--	--	-	-	-	-	-	-	-	-	-
Bahrain .....	--	--	-	-	-	-	-	-	-	-	-
Belgium .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	-	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Cameroon .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	77	-	-	130	1	3	-	134
Chad .....	--	--	-	-	-	-	-	-	-	-	-
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Denmark .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Egypt .....	--	--	-	-	-	-	-	-	-	-	-
Estonia .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
France .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Guatemala .....	--	--	-	-	-	-	-	-	-	-	-
India .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Italy .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	-	-	-	-	-	-	-	-
Latvia .....	--	--	-	-	-	-	-	-	-	-	-
Lithuania .....	--	--	-	-	-	-	-	-	-	-	-
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Norway .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Portugal .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Russia .....	--	--	-	-	-	-	-	-	-	-	-
Spain .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Syria .....	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	--	--	-	-	-	-	-	-	-	-	-
Yemen .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	-	-	0	0	0	-	0
<b>Total</b> .....	--	--	-	77	-	-	130	1	3	-	134
<b>Persian Gulf<sup>3</sup></b> .....	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	5	-	-	6	-	6	86	92
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	5	-	-	6	-	6	86	92
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	-	0	-	0	0	0
<b>Total</b> .....	-	5	-	-	6	-	6	86	92
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	85	70	18	34	1,034	248	-	3,682	84,864	2,706	123	2,829
Argentina .....	-	-	-	-	-	1	-	1	1	-	0	0
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	85	70	18	34	1,034	246	-	3,679	84,861	2,706	123	2,829
Chad .....	-	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	1	-	1	1	-	0	0
Korea, South .....	-	-	-	-	-	-	-	1	1	-	0	0
Latvia .....	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	0	0	0	-	0	0	0	0	0
<b>Total</b> .....	85	70	18	34	1,034	248	-	3,682	84,864	2,706	123	2,829
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-	-	-

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b>	<b>8,377</b>	-	-	<b>1,219</b>	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	1,339	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	41	-	-	-	-	-	-
Nigeria	958	-	-	-	-	-	-	-	-	-
Saudi Arabia	6,080	-	-	1,178	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>41,989</b>	-	-	<b>15,511</b>	-	-	-	-	<b>2,062</b>	<b>2,062</b>
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	1,029	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	96	96
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	16,668	-	-	21	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	2,996	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	1	1
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	1,032	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	62	62
France	-	-	-	73	-	-	-	-	400	400
Germany	-	-	-	34	-	-	-	-	63	63
Guatemala	280	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	514	514
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	37	-	-	-	-	115	115
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	19,129	-	-	852	-	-	-	-	-	-
Netherlands	-	-	-	142	-	-	-	-	408	408
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	18	18
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	1,212	-	-	11,264	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	37	37
Sweden	-	-	-	-	-	-	-	-	11	11
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	379	-	-	-	-	-	-	-	-	-
United Kingdom	1,325	-	-	416	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	611	-	-	-	-	337	337
<b>Total</b>	<b>50,366</b>	-	-	<b>16,730</b>	-	-	-	-	<b>2,062</b>	<b>2,062</b>
<b>Persian Gulf<sup>3</sup></b>	<b>7,419</b>	-	-	<b>1,178</b>	-	-	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b> .....	--	--	-	-	-	-	-	-	-	-	-
Algeria .....	--	--	-	-	-	-	-	-	-	-	-
Angola .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Gabon .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	-	-	-	-	-	-	-	-
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Bahamas .....	--	--	-	-	-	-	-	-	-	-	-
Bahrain .....	--	--	-	-	-	-	-	-	-	-	-
Belgium .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	-	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Cameroon .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	-	-	-	-	-	-	-	-
Chad .....	--	--	-	-	-	-	-	-	-	-	-
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Denmark .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Egypt .....	--	--	-	-	-	-	-	-	-	-	-
Estonia .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
France .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Guatemala .....	--	--	-	-	-	-	-	-	-	-	-
India .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Italy .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	-	-	-	-	-	-	-	-
Latvia .....	--	--	-	-	-	-	-	-	-	-	-
Lithuania .....	--	--	-	-	-	-	-	-	-	-	-
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Norway .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Portugal .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Russia .....	--	--	-	-	-	-	-	-	-	-	-
Spain .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Syria .....	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	--	--	-	-	-	-	-	-	-	-	-
Yemen .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	--	--	-	-	-	-	-	-	-	-	-
<b>Persian Gulf<sup>3</sup></b> .....	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	-	-	-	-	-	-	-	645	645
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	608	608
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	37	37
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	28	-	-	109	-	375	4,389	4,764
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	235	235
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	649	649
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	-	-	-	292	292
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	76	76
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	600	600
Egypt .....	-	-	-	-	-	-	-	34	34
Estonia .....	-	28	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	208	208
Korea, South .....	-	-	-	-	90	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	1,488	1,488
Netherlands .....	-	-	-	-	19	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	375	602	977
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	-	0	-	0	205	205
<b>Total</b> .....	-	28	-	-	109	-	375	5,034	5,409
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	-	-	-	880	880

See footnotes at end of table.

**Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b>	—	—	—	—	—	122	—	1,986	10,363	279	66	345
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	1,339	45	—	45
Kuwait	—	—	—	—	—	—	—	608	608	—	20	20
Libya	—	—	—	—	—	—	—	41	41	—	1	1
Nigeria	—	—	—	—	—	—	—	—	958	32	—	32
Saudi Arabia	—	—	—	—	—	—	—	1,215	7,295	203	41	243
United Arab Emirates	—	—	—	—	—	122	—	122	122	—	4	4
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b>	286	45	57	168	—	929	—	23,963	65,952	1,400	799	2,198
Argentina	—	—	—	102	—	3	—	105	105	—	4	4
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	63	—	298	298	—	10	10
Belgium	36	—	—	—	—	1	—	1,066	1,066	—	36	36
Brazil	—	—	—	55	—	—	—	800	800	—	27	27
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	25	—	—	—	16	—	354	17,022	556	12	567
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	76	3,072	100	3	102
Denmark	—	—	—	—	—	—	—	1	1	—	0	0
Ecuador	—	—	—	—	—	—	—	600	600	—	20	20
Egypt	—	—	—	—	—	—	—	1,066	1,066	—	36	36
Estonia	—	—	—	—	—	—	—	28	28	—	1	1
Finland	—	—	—	—	—	—	—	62	62	—	2	2
France	—	20	—	—	—	3	—	496	496	—	17	17
Germany	—	—	—	—	—	8	—	105	105	—	4	4
Guatemala	—	—	—	—	—	—	—	—	280	9	—	9
India	—	—	—	—	—	—	—	514	514	—	17	17
Indonesia	—	—	—	—	—	59	—	59	59	—	2	2
Italy	—	—	—	—	—	7	—	367	367	—	12	12
Korea, South	—	—	—	—	—	184	—	274	274	—	9	9
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	12	—	—	—	—	12	12	—	0	0
Mexico	132	—	—	—	—	—	—	2,472	21,601	638	82	720
Netherlands	—	—	—	—	—	219	—	788	788	—	26	26
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	18	18	—	1	1
Qatar	—	—	—	—	—	365	—	365	365	—	12	12
Russia	—	—	—	—	—	—	—	12,241	13,453	40	408	448
Spain	—	—	—	—	—	—	—	37	37	—	1	1
Sweden	—	—	—	—	—	—	—	11	11	—	0	0
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	379	13	—	13
United Kingdom	—	—	45	—	—	—	—	461	1,786	44	15	60
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	118	0	0	11	—	1	—	1,287	1,287	0	42	42
<b>Total</b>	286	45	57	168	—	1,051	—	25,949	76,315	1,679	865	2,544
<b>Persian Gulf<sup>3</sup></b>	—	—	—	—	—	550	—	2,608	10,027	247	87	334

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>PAD District 4</b>										
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>8,740</b>	<b>239</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>50</b>
Canada .....	8,740	239	-	-	-	-	-	-	50	50
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	-	-	-	-	-	0	0
<b>Total</b> .....	<b>8,740</b>	<b>239</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>50</b>
<b>PAD District 5</b>										
<b>OPEC</b> .....	<b>12,190</b>	<b>-</b>	<b>-</b>	<b>1,070</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>986</b>	<b>986</b>
Algeria .....	-	-	-	766	-	-	-	-	-	-
Angola .....	717	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	4,062	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	2,057	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	5,354	-	-	304	-	-	-	-	986	986
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>28,045</b>	<b>1,213</b>	<b>-</b>	<b>2,758</b>	<b>-</b>	<b>921</b>	<b>921</b>	<b>-</b>	<b>1,486</b>	<b>1,486</b>
Argentina .....	580	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	3,274	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Canada .....	9,767	1,213	-	39	-	222	222	-	330	330
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	2,269	-	-	-	-	-	-	-	-	-
Ecuador .....	3,552	-	-	256	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	39	39
Korea, South .....	-	-	-	-	-	576	576	-	494	494
Malaysia .....	-	-	-	379	-	-	-	-	-	-
Mexico .....	797	-	-	312	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	6	6	-	11	11
Oman .....	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	346	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	104	104
Sweden .....	-	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	139	139
United Kingdom .....	-	-	-	363	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	379	-	21	21	-	5	5
Other .....	7,460	0	-	1,030	-	96	96	-	364	364
<b>Total</b> .....	<b>40,235</b>	<b>1,213</b>	<b>-</b>	<b>3,828</b>	<b>-</b>	<b>921</b>	<b>921</b>	<b>-</b>	<b>2,472</b>	<b>2,472</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>9,416</b>	<b>-</b>	<b>-</b>	<b>304</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>986</b>	<b>986</b>

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>PAD District 4</b>											
<b>OPEC</b> .....	--	--	-	-	-	-	-	-	-	-	-
Algeria .....	--	--	-	-	-	-	-	-	-	-	-
Angola .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	3	-	-	144	-	-	-	144
Canada .....	--	--	-	3	-	-	144	-	-	-	144
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	-	-	0	-	-	-	0
<b>Total</b> .....	--	--	-	3	-	-	144	-	-	-	144
<b>PAD District 5</b>											
<b>OPEC</b> .....	--	--	-	-	-	-	-	-	-	-	-
Algeria .....	--	--	-	-	-	-	-	-	-	-	-
Angola .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	300	147	1,092	-	437	315	-	-	752
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	300	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	86	-	-	437	-	-	-	437
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Japan .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	61	-	-	-	315	-	-	315
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Peru .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Singapore .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Taiwan .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	0	0	1,092	-	0	0	-	-	0
<b>Total</b> .....	--	--	300	147	1,092	-	437	315	-	-	752
<b>Persian Gulf<sup>3</sup></b> .....	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>PAD District 4</b>									
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	2	-	25	-	-	-	-	-
Canada .....	-	2	-	25	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	-	-	-	-	-
<b>Total</b> .....	-	2	-	25	-	-	-	-	-
<b>PAD District 5</b>									
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	2	-	2,456	-	-	268	601	869
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Canada .....	-	2	-	540	-	-	83	74	157
China .....	-	-	-	303	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	169	169
Finland .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	307	-	-	-	-	-
Korea, South .....	-	-	-	1,306	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	176	176
Netherlands .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	-	-	185	182	367
<b>Total</b> .....	-	2	-	2,456	-	-	268	601	869
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>PAD District 4</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	55	-	1	519	9,259	291	17	309
Canada .....	-	-	-	-	55	-	1	519	9,259	291	17	309
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	0	-	0	0	0	0	0	0
<b>Total</b> .....	-	-	-	-	55	-	1	519	9,259	291	17	309
<b>PAD District 5</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	2,056	14,246	406	69	475
Algeria .....	-	-	-	-	-	-	-	766	766	-	26	26
Angola .....	-	-	-	-	-	-	-	-	717	24	-	24
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	4,062	135	-	135
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	2,057	69	-	69
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	1,290	6,644	178	43	221
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	43	-	12	-	40	30	-	12,121	40,166	935	404	1,339
Argentina .....	-	-	-	-	-	-	-	-	580	19	-	19
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	300	3,574	109	10	119
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	-	-	-	-	40	5	-	3,071	12,838	326	102	428
China .....	-	-	-	-	-	-	-	303	303	-	10	10
Colombia .....	-	-	-	-	-	-	-	-	2,269	76	-	76
Ecuador .....	-	-	-	-	-	-	-	425	3,977	118	14	133
Finland .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	346	346	-	12	12
Korea, South .....	-	-	-	-	-	25	-	2,777	2,777	-	93	93
Malaysia .....	-	-	-	-	-	-	-	379	379	-	13	13
Mexico .....	-	-	-	-	-	-	-	488	1,285	27	16	43
Netherlands .....	-	-	-	-	-	-	-	17	17	-	1	1
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	346	12	-	12
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	1,196	1,196	-	40	40
Sweden .....	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan .....	43	-	12	-	-	-	-	194	194	-	6	6
United Kingdom .....	-	-	-	-	-	-	-	363	363	-	12	12
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	405	405	-	14	14
Other .....	0	-	0	-	0	0	-	1,857	9,317	248	61	308
<b>Total</b> .....	43	-	12	-	40	30	-	14,177	54,412	1,341	473	1,814
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	1,290	10,706	314	43	357

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b>	<b>32,034</b>	<b>144</b>	<b>-</b>	<b>101</b>	<b>-</b>	<b>167</b>	<b>167</b>	<b>190</b>	<b>5,565</b>	<b>5,755</b>
Algeria	5,532	-	-	-	-	-	-	-	326	326
Angola	1,954	-	-	-	-	-	-	-	322	322
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	6	6
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	3,110	-	-	-	-	-	-	-	-	-
Nigeria	13,852	144	-	101	-	40	40	-	1,925	1,925
Saudi Arabia	7,586	-	-	-	-	127	127	190	2,948	3,138
United Arab Emirates	-	-	-	-	-	-	-	-	38	38
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>66,299</b>	<b>6,280</b>	<b>1,652</b>	<b>10,525</b>	<b>-</b>	<b>16,083</b>	<b>16,083</b>	<b>38,295</b>	<b>65,207</b>	<b>103,502</b>
Argentina	-	-	-	-	-	-	-	-	328	328
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	141	141	1,925	2,971	4,896
Brazil	-	-	-	-	-	485	485	-	3,771	3,771
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	29,028	6,027	1,652	-	-	2,544	2,544	19,720	5,199	24,919
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	855	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	64	64	123	68	191
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	358	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	177	177	-	3,313	3,313
France	-	-	-	-	-	159	159	2,066	2,351	4,417
Germany	-	-	-	-	-	122	122	-	101	101
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	100	-	627	627	-	7,244	7,244
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	180	-	502	502	23	4,336	4,359
Korea, South	-	-	-	-	-	175	175	-	1,900	1,900
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	364	364	-	631	631
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	8,420	-	-	1,572	-	-	-	-	-	-
Netherlands	-	-	-	-	-	3,374	3,374	6,589	8,894	15,483
Norway	7,442	253	-	380	-	262	262	2,197	1,007	3,204
Oman	-	-	-	-	-	-	-	-	33	33
Portugal	-	-	-	-	-	229	229	1,848	3,517	5,365
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	9,597	-	-	6,664	-	3,174	3,174	276	8,237	8,513
Spain	-	-	-	-	-	537	537	57	3,502	3,559
Sweden	-	-	-	-	-	147	147	175	1,422	1,597
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	507	-	-	-	-	-	-	-	-	-
United Kingdom	2,247	-	-	-	-	616	616	3,235	2,198	5,433
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	987	-	378	378	-	1,037	1,037
Yemen	-	-	-	-	-	-	-	-	-	-
Other	8,203	0	0	284	-	2,006	2,006	61	3,141	3,202
<b>Total</b>	<b>98,333</b>	<b>6,424</b>	<b>1,652</b>	<b>10,626</b>	<b>-</b>	<b>16,250</b>	<b>16,250</b>	<b>38,485</b>	<b>70,772</b>	<b>109,257</b>
<b>Persian Gulf<sup>3</sup></b>	<b>7,586</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>127</b>	<b>127</b>	<b>190</b>	<b>2,986</b>	<b>3,176</b>

See footnotes at end of table.

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b>	--	--	-	-	-	-	5,772	-	-	-	5,772
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	24	-	-	-	24
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	1,613	-	-	-	1,613
Saudi Arabia	--	--	-	-	-	-	2,926	-	-	-	2,926
United Arab Emirates	--	--	-	-	-	-	1,209	-	-	-	1,209
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	983	-	-	44,175	-	-	-	44,175
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	308	-	-	-	308
Belgium	--	--	-	-	-	-	3,006	-	-	-	3,006
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	549	-	-	20,449	-	-	-	20,449
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	3,847	-	-	-	3,847
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	204	-	-	-	204
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	434	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	3,474	-	-	-	3,474
Indonesia	--	--	-	-	-	-	141	-	-	-	141
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	498	-	-	-	498
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	3,815	-	-	-	3,815
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,579	-	-	-	1,579
Portugal	--	--	-	-	-	-	258	-	-	-	258
Qatar	--	--	-	-	-	-	1,501	-	-	-	1,501
Russia	--	--	-	-	-	-	4,264	-	-	-	4,264
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	97	-	-	-	97
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	523	-	-	-	523
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	187	-	-	-	187
<b>Total</b>	--	--	-	983	-	-	49,947	-	-	-	49,947
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	5,944	-	-	-	5,944

See footnotes at end of table.

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b>	—	—	—	3,859	—	—	134	—	134
Algeria	—	—	—	742	—	—	37	—	37
Angola	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	97	—	97
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	911	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	66	—	—	—	—	—
Saudi Arabia	—	—	—	353	—	—	—	—	—
United Arab Emirates	—	—	—	1,787	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b>	4	45	—	5,465	19	200	2,223	4,263	6,686
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	101	287	388
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	151	110	261
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	4	6	—	1,488	19	—	216	1,169	1,385
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	124	—	—	—	469	469
Denmark	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	21	21
Egypt	—	—	—	—	—	—	—	35	35
Estonia	—	—	—	—	—	—	192	—	192
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	309	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	1,220	—	—	—	532	532
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	558	—	—	—	—	—
Korea, South	—	—	—	1,092	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	72	1,044	1,116
Netherlands	—	39	—	—	—	—	207	226	433
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	487	257	744
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	426	—	200	698	21	919
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	248	0	0	2	92	94
<b>Total</b>	<b>4</b>	<b>45</b>	<b>—</b>	<b>9,324</b>	<b>19</b>	<b>200</b>	<b>2,357</b>	<b>4,263</b>	<b>6,820</b>
<b>Persian Gulf<sup>6</sup></b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>3,051</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>

See footnotes at end of table.

**Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b>	<b>50</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>65</b>	<b>--</b>	<b>16,047</b>	<b>48,081</b>	<b>177</b>	<b>89</b>	<b>266</b>
Algeria	--	--	--	--	--	--	--	1,105	6,637	31	6	37
Angola	--	--	--	--	--	--	--	322	2,276	11	2	13
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	127	127	--	1	1
Iran	--	--	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	--	--	--	--
Kuwait	--	--	--	--	--	--	--	911	911	--	5	5
Libya	--	--	--	--	--	--	--	--	3,110	17	--	17
Nigeria	50	--	--	--	--	--	--	3,939	17,791	77	22	98
Saudi Arabia	--	--	--	--	--	--	--	6,544	14,130	42	36	78
United Arab Emirates	--	--	--	--	--	65	--	3,099	3,099	--	17	17
Venezuela	--	--	--	--	--	--	--	--	--	--	--	--
<b>Non-OPEC</b>	<b>291</b>	<b>10</b>	<b>606</b>	<b>8</b>	<b>3,960</b>	<b>832</b>	<b>1</b>	<b>201,127</b>	<b>267,426</b>	<b>366</b>	<b>1,111</b>	<b>1,477</b>
Argentina	--	--	--	--	--	--	--	328	328	--	2	2
Aruba	--	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	388	388	--	2	2
Bahrain	--	--	--	--	--	--	--	308	308	--	2	2
Belgium	--	--	--	--	--	28	--	8,071	8,071	--	45	45
Brazil	--	--	--	--	--	--	--	4,517	4,517	--	25	25
Brunei	--	--	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--	--	--
Canada	26	10	421	--	3,656	635	1	63,791	92,819	160	352	513
Chad	--	--	--	--	--	--	--	--	--	--	--	--
China	--	--	128	--	--	--	--	128	128	--	1	1
Colombia	--	--	--	--	128	--	--	4,568	5,423	5	25	30
Denmark	--	--	--	--	--	--	--	255	255	--	1	1
Ecuador	--	--	--	--	--	--	--	21	21	--	0	0
Egypt	--	--	--	--	--	--	--	393	393	--	2	2
Estonia	--	--	--	--	--	--	--	192	192	--	1	1
Finland	--	--	--	--	--	--	--	3,694	3,694	--	20	20
France	11	--	--	--	--	28	--	4,924	4,924	--	27	27
Germany	--	--	--	--	--	35	--	692	692	--	4	4
Guatemala	--	--	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	13,197	13,197	--	73	73
Indonesia	--	--	--	--	--	--	--	141	141	--	1	1
Italy	--	--	--	--	41	14	--	5,654	5,654	--	31	31
Korea, South	--	--	3	--	--	76	--	3,744	3,744	--	21	21
Latvia	--	--	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	995	995	--	5	5
Malaysia	--	--	5	--	--	1	--	6	6	--	0	0
Mexico	--	--	--	--	--	--	--	2,688	11,108	47	15	61
Netherlands	--	--	--	--	--	3	--	23,147	23,147	--	128	128
Norway	--	--	--	--	--	--	--	4,099	11,541	41	23	64
Oman	--	--	--	--	--	--	--	1,612	1,612	--	9	9
Portugal	--	--	--	--	--	--	--	5,852	5,852	--	32	32
Qatar	--	--	--	--	--	--	--	1,501	1,501	--	8	8
Russia	74	--	--	--	--	8	--	23,441	33,038	53	130	183
Spain	--	--	7	--	90	--	--	4,193	4,193	--	23	23
Sweden	--	--	--	7	--	1	--	1,849	1,849	--	10	10
Syria	--	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	507	3	--	3
United Kingdom	3	--	--	--	--	--	--	6,052	8,299	12	33	46
Vietnam	--	--	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	177	--	--	--	--	--	--	4,447	4,447	--	25	25
Yemen	--	--	--	--	--	--	--	--	--	--	--	--
Other	0	0	42	1	45	3	0	6,112	14,315	45	34	78
<b>Total</b>	<b>341</b>	<b>10</b>	<b>606</b>	<b>8</b>	<b>3,960</b>	<b>897</b>	<b>1</b>	<b>217,174</b>	<b>315,507</b>	<b>543</b>	<b>1,200</b>	<b>1,743</b>
<b>Persian Gulf<sup>6</sup></b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>65</b>	<b>--</b>	<b>12,363</b>	<b>19,949</b>	<b>42</b>	<b>68</b>	<b>110</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>459,888</b>	<b>13,050</b>	<b>1,471</b>	-	-	<b>100</b>	<b>100</b>	-	<b>1,637</b>	<b>1,637</b>
Argentina .....	-	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-
Canada .....	459,684	13,047	1,471	-	-	-	-	-	1,484	1,484
Chad .....	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	153	153
France .....	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	100	100	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-
Mexico .....	204	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	3	0	-	-	0	0	-	0	0
<b>Total</b> .....	<b>459,888</b>	<b>13,050</b>	<b>1,471</b>	-	-	<b>100</b>	<b>100</b>	-	<b>1,637</b>	<b>1,637</b>
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b>	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	426	-	-	956	7	7	-	970
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	426	-	-	956	7	7	-	970
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	-	-	-	-	-
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Russia	--	--	-	-	-	-	-	-	-	-	-
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	0	0	0	-	0
<b>Total</b>	--	--	-	426	-	-	956	7	7	-	970
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	25	-	37	44	-	182	807	989
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-
Canada .....	-	25	-	37	44	-	182	231	413
Chad .....	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-	-
France .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-	-
Korea, South .....	-	-	-	-	-	-	-	-	-
Latvia .....	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	576	576
Spain .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Syria .....	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	0	-	0	0	0
<b>Total</b> .....	-	25	-	37	44	-	182	807	989
<b>Persian Gulf<sup>6</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	476	403	110	177	4,016	1,344	-	25,275	485,163	2,541	140	2,680
Argentina .....	-	-	-	-	-	1	-	1	1	-	0	0
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain .....	-	-	-	-	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-	-	-	-	-
Canada .....	476	403	110	177	4,016	1,341	-	24,440	484,124	2,540	135	2,675
Chad .....	-	-	-	-	-	-	-	-	-	-	-	-
China .....	-	-	-	-	-	-	-	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Egypt .....	-	-	-	-	-	-	-	-	-	-	-	-
Estonia .....	-	-	-	-	-	-	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	153	153	-	1	1
France .....	-	-	-	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	1	-	1	1	-	0	0
Korea, South .....	-	-	-	-	-	-	-	103	103	-	1	1
Latvia .....	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	-	204	1	-	1
Netherlands .....	-	-	-	-	-	-	-	-	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	-	-	576	576	-	3	3
Spain .....	-	-	-	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	1	-	1	1	-	0	0
Syria .....	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-	-	-	-
Yemen .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	0	0	0	0	-	0	0	0	0	-1
<b>Total</b> .....	476	403	110	177	4,016	1,344	-	25,275	485,163	2,541	140	2,680
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-	-	-	-

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b>	<b>34,699</b>	-	-	<b>4,395</b>	-	-	-	-	<b>325</b>	<b>325</b>
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	468	-	-	-	-	-	-	-	325	325
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	1,033	-	-	-	-	-	-	-	-	-
Iraq	4,942	-	-	1,050	-	-	-	-	-	-
Kuwait	1,893	-	-	-	-	-	-	-	-	-
Libya	1,276	-	-	137	-	-	-	-	-	-
Nigeria	1,908	-	-	-	-	-	-	-	-	-
Saudi Arabia	23,179	-	-	3,208	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	<b>223,927</b>	-	<b>32</b>	<b>76,710</b>	-	<b>1,191</b>	<b>1,191</b>	-	<b>15,869</b>	<b>15,869</b>
Argentina	-	-	-	12	-	-	-	-	208	208
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	1,187	-	-	-	-	401	401
Brazil	3,966	-	-	-	-	-	-	-	842	842
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	83,143	-	-	404	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	22,314	-	-	-	-	-	-	-	3	3
Denmark	-	-	-	-	-	-	-	-	1	1
Ecuador	400	-	-	367	-	-	-	-	-	-
Egypt	-	-	-	5,698	-	-	-	-	-	-
Estonia	-	-	-	126	-	-	-	-	-	-
Finland	-	-	-	104	-	-	-	-	591	591
France	-	-	-	73	-	-	-	-	715	715
Germany	-	-	-	118	-	-	-	-	217	217
Guatemala	562	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	2,385	2,385
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	544	-	521	521	-	976	976
Korea, South	-	-	-	84	-	-	-	-	307	307
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	92,609	-	32	4,161	-	-	-	-	-	-
Netherlands	-	-	-	372	-	-	-	-	1,447	1,447
Norway	-	-	-	536	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	462	462
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	8,555	-	-	58,741	-	100	100	-	627	627
Spain	-	-	-	-	-	56	56	-	931	931
Sweden	-	-	-	48	-	-	-	-	784	784
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	6,188	-	-	-	-	-	-	-	-	-
United Kingdom	5,188	-	-	885	-	65	65	-	1,122	1,122
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	863	-	-	-	-	654	654
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,002	-	0	2,387	-	449	449	-	3,196	3,196
<b>Total</b>	<b>258,626</b>	-	<b>32</b>	<b>81,105</b>	-	<b>1,191</b>	<b>1,191</b>	-	<b>16,194</b>	<b>16,194</b>
<b>Persian Gulf<sup>3</sup></b>	<b>31,047</b>	-	-	<b>4,258</b>	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b>	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	--	--	-	54	50	-	1,086	-	400	-	1,486
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	41	-	-	-	41
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	-	-	-	-	-	-	-	-
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	263	-	-	-	263
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	265	-	-	-	265
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	71	-	-	-	71
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Russia	--	--	-	-	-	-	286	-	-	-	286
Spain	--	--	-	54	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	160	-	400	-	560
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	50	-	0	-	0	-	0
<b>Total</b>	--	--	-	54	50	-	1,086	-	400	-	1,486
<b>Persian Gulf<sup>3</sup></b>	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>OPEC</b>	-	-	-	-	122	-	-	645	645
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	608	608
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	122	-	-	37	37
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b>	-	130	-	-	1,645	1,356	935	16,774	19,065
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	235	235
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	106	-	-	649	649
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	247	582	-	292	874
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	76	76
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	600	600
Egypt	-	-	-	-	-	-	-	569	569
Estonia	-	76	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	89	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	208	208
Korea, South	-	-	-	-	735	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	36	-	-	9,150	9,150
Netherlands	-	54	-	-	19	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	599	505	3,318	4,422
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	175	225	-	400
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	413	0	205	1,677	1,882
<b>Total</b>	-	130	-	-	1,767	1,356	935	17,419	19,710
<b>Persian Gulf<sup>6</sup></b>	-	-	-	-	122	-	-	880	880

See footnotes at end of table.

**Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>OPEC</b>	—	—	—	451	—	839	—	6,777	41,476	192	37	229
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	325	793	3	2	4
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	1,033	6	—	6
Iraq	—	—	—	—	—	—	—	1,050	5,992	27	6	33
Kuwait	—	—	—	157	—	—	—	765	2,658	10	4	15
Libya	—	—	—	—	—	—	—	137	1,413	7	1	8
Nigeria	—	—	—	—	—	—	—	—	1,908	11	—	11
Saudi Arabia	—	—	—	294	—	—	—	3,754	26,933	128	21	149
United Arab Emirates	—	—	—	—	—	746	—	746	746	—	4	4
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
<b>Non-OPEC</b>	1,808	260	323	1,481	98	5,371	—	125,606	349,533	1,237	694	1,931
Argentina	—	72	—	777	—	18	—	1,087	1,087	—	6	6
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	547	—	782	782	—	4	4
Belgium	109	—	—	—	—	25	—	1,722	1,722	—	10	10
Brazil	—	—	—	396	—	—	—	2,034	6,000	22	11	33
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	—	40	—	—	98	60	—	1,723	84,866	459	10	469
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	342	22,656	123	2	125
Denmark	—	—	—	—	—	—	—	1	1	—	0	0
Ecuador	—	—	—	—	—	—	—	967	1,367	2	5	8
Egypt	—	—	—	—	—	—	—	6,267	6,267	—	35	35
Estonia	—	—	—	—	—	—	—	202	202	—	1	1
Finland	—	—	—	—	—	—	—	695	695	—	4	4
France	—	148	13	—	—	52	—	1,266	1,266	—	7	7
Germany	—	—	—	—	—	23	—	358	358	—	2	2
Guatemala	—	—	—	—	—	—	—	—	562	3	—	3
India	—	—	—	—	—	—	—	2,474	2,474	—	14	14
Indonesia	—	—	—	—	—	517	—	517	517	—	3	3
Italy	—	—	34	—	—	68	—	2,351	2,351	—	13	13
Korea, South	133	—	—	—	—	1,374	—	2,633	2,633	—	15	15
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	96	—	—	—	—	96	96	—	1	1
Mexico	864	—	—	—	—	—	—	14,314	106,923	512	79	591
Netherlands	—	—	—	—	—	483	—	2,395	2,395	—	13	13
Norway	—	—	—	—	—	—	—	536	536	—	3	3
Oman	—	—	—	114	—	49	—	163	163	—	1	1
Portugal	—	—	—	—	—	—	—	462	462	—	3	3
Qatar	—	—	—	—	—	2,117	—	2,117	2,117	—	12	12
Russia	—	—	—	158	—	36	—	64,370	72,925	47	356	403
Spain	—	—	—	—	—	—	—	1,041	1,041	—	6	6
Sweden	—	—	—	—	—	—	—	832	832	—	5	5
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	6,188	34	—	34
United Kingdom	112	—	110	8	—	—	—	2,302	7,490	29	13	41
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	2,477	2,477	—	14	14
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	590	0	70	28	0	2	—	9,080	10,082	6	46	52
<b>Total</b>	<b>1,808</b>	<b>260</b>	<b>323</b>	<b>1,932</b>	<b>98</b>	<b>6,210</b>	<b>—</b>	<b>132,383</b>	<b>391,009</b>	<b>1,429</b>	<b>731</b>	<b>2,160</b>
<b>Persian Gulf<sup>3</sup></b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>451</b>	<b>—</b>	<b>3,503</b>	<b>—</b>	<b>9,214</b>	<b>40,261</b>	<b>172</b>	<b>51</b>	<b>222</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels)

Country of Origin	Crude Oil <sup>1,2</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils <sup>1</sup>	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven-tional	Total	Reform-ulated	Conven-tional	Total
<b>PAD District 4</b>										
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>53,447</b>	<b>2,563</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>256</b>	<b>256</b>
Canada .....	53,447	2,563	-	25	-	-	-	-	256	256
Ecuador .....	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	0	-	-	-	-	0	0
<b>Total</b> .....	<b>53,447</b>	<b>2,563</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>256</b>	<b>256</b>
<b>PAD District 5</b>										
<b>OPEC</b> .....	<b>62,361</b>	<b>-</b>	<b>-</b>	<b>1,455</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>1,827</b>	<b>1,827</b>
Algeria .....	-	-	-	1,151	-	-	-	-	-	-
Angola .....	3,180	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-
Iraq .....	21,054	-	-	-	-	-	-	-	-	-
Kuwait .....	605	-	-	-	-	-	-	-	-	-
Libya .....	11,045	-	-	-	-	-	-	-	-	-
Nigeria .....	4,306	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	22,171	-	-	304	-	153	153	-	1,498	1,498
United Arab Emirates .....	-	-	-	-	-	-	-	-	329	329
Venezuela .....	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>135,797</b>	<b>8,562</b>	<b>-</b>	<b>9,740</b>	<b>-</b>	<b>3,422</b>	<b>3,422</b>	<b>-</b>	<b>5,439</b>	<b>5,439</b>
Argentina .....	3,069	55	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-
Brazil .....	7,004	-	-	-	-	26	26	-	39	39
Brunei .....	2,918	-	-	-	-	-	-	-	-	-
Canada .....	48,166	8,507	-	249	-	1,178	1,178	-	590	590
China .....	-	-	-	-	-	-	-	-	-	-
Colombia .....	10,962	-	-	-	-	-	-	-	-	-
Ecuador .....	28,109	-	-	1,179	-	-	-	-	-	-
Finland .....	-	-	-	-	-	1	1	-	271	271
Germany .....	-	-	-	-	-	5	5	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	-	-	-	384	384
Korea, South .....	-	-	-	-	-	1,526	1,526	-	1,914	1,914
Malaysia .....	-	-	-	379	-	-	-	-	-	-
Mexico .....	5,081	-	-	1,909	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	71	71	-	104	104
Oman .....	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-
Peru .....	346	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	419	419
Sweden .....	-	-	-	-	-	22	22	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-	139	139
United Kingdom .....	-	-	-	363	-	-	-	-	318	318
Vietnam .....	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	678	-	44	44	-	45	45
Other .....	30,142	0	-	4,983	-	549	549	-	1,216	1,216
<b>Total</b> .....	<b>198,158</b>	<b>8,727</b>	<b>-</b>	<b>11,195</b>	<b>-</b>	<b>3,575</b>	<b>3,575</b>	<b>-</b>	<b>7,266</b>	<b>7,266</b>
<b>Persian Gulf<sup>3</sup></b> .....	<b>43,830</b>	<b>-</b>	<b>-</b>	<b>304</b>	<b>-</b>	<b>153</b>	<b>153</b>	<b>-</b>	<b>1,827</b>	<b>1,827</b>

See footnotes at end of table.

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>PAD District 4</b>											
<b>OPEC</b> .....	--	--	-	-	-	-	-	-	-	-	-
Algeria .....	--	--	-	-	-	-	-	-	-	-	-
Angola .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	-	233	-	-	926	-	-	-	926
Canada .....	--	--	-	233	-	-	926	-	-	-	926
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	-	0	-	-	0	-	-	-	0
<b>Total</b> .....	--	--	-	233	-	-	926	-	-	-	926
<b>PAD District 5</b>											
<b>OPEC</b> .....	--	--	-	-	-	-	-	-	-	-	-
Algeria .....	--	--	-	-	-	-	-	-	-	-	-
Angola .....	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	--	--	-	-	-	-	-	-	-	-	-
Iran .....	--	--	-	-	-	-	-	-	-	-	-
Iraq .....	--	--	-	-	-	-	-	-	-	-	-
Kuwait .....	--	--	-	-	-	-	-	-	-	-	-
Libya .....	--	--	-	-	-	-	-	-	-	-	-
Nigeria .....	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	--	--	-	-	-	-	-	-	-	-	-
Venezuela .....	--	--	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	--	--	300	418	5,330	-	2,839	943	-	-	3,782
Argentina .....	--	--	-	-	-	-	-	-	-	-	-
Aruba .....	--	--	-	-	-	-	-	-	-	-	-
Australia .....	--	--	-	-	-	-	-	-	-	-	-
Brazil .....	--	--	300	-	-	-	-	-	-	-	-
Brunei .....	--	--	-	-	-	-	-	-	-	-	-
Canada .....	--	--	-	206	-	-	2,504	-	-	-	2,504
China .....	--	--	-	-	-	-	-	-	-	-	-
Colombia .....	--	--	-	-	-	-	-	-	-	-	-
Ecuador .....	--	--	-	-	-	-	-	-	-	-	-
Finland .....	--	--	-	-	-	-	-	-	-	-	-
Germany .....	--	--	-	-	-	-	-	-	-	-	-
Indonesia .....	--	--	-	-	-	-	-	-	-	-	-
Japan .....	--	--	-	-	-	-	-	-	-	-	-
Korea, South .....	--	--	-	212	-	-	335	943	-	-	1,278
Malaysia .....	--	--	-	-	-	-	-	-	-	-	-
Mexico .....	--	--	-	-	-	-	-	-	-	-	-
Netherlands .....	--	--	-	-	-	-	-	-	-	-	-
Oman .....	--	--	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	--	--	-	-	-	-	-	-	-	-	-
Peru .....	--	--	-	-	-	-	-	-	-	-	-
Qatar .....	--	--	-	-	-	-	-	-	-	-	-
Singapore .....	--	--	-	-	-	-	-	-	-	-	-
Sweden .....	--	--	-	-	-	-	-	-	-	-	-
Taiwan .....	--	--	-	-	-	-	-	-	-	-	-
United Kingdom .....	--	--	-	-	-	-	-	-	-	-	-
Vietnam .....	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	--	--	-	-	-	-	-	-	-	-	-
Other .....	--	--	0	0	5,330	-	0	0	-	-	0
<b>Total</b> .....	--	--	300	418	5,330	-	2,839	943	-	-	3,782
<b>Persian Gulf<sup>3</sup></b> .....	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
<b>PAD District 4</b>									
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	29	-	315	-	-	-	-	-
Canada .....	-	29	-	315	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	0	-	-	-	-	-
<b>Total</b> .....	-	29	-	315	-	-	-	-	-
<b>PAD District 5</b>									
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	10	-	15,767	-	-	1,942	1,865	3,807
Argentina .....	-	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-	-
Brunei .....	-	-	-	313	-	-	-	-	-
Canada .....	-	10	-	711	-	-	623	471	1,094
China .....	-	-	-	606	-	-	-	-	-
Colombia .....	-	-	-	-	-	-	-	-	-
Ecuador .....	-	-	-	-	-	-	-	756	756
Finland .....	-	-	-	-	-	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-	-
Indonesia .....	-	-	-	-	-	-	-	-	-
Japan .....	-	-	-	408	-	-	-	-	-
Korea, South .....	-	-	-	12,905	-	-	-	-	-
Malaysia .....	-	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	-	-	-	-	176	176
Netherlands .....	-	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	309	-	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. ....	-	-	-	-	-	-	-	-	-
Other .....	-	0	-	515	-	-	1,319	462	1,781
<b>Total</b> .....	-	10	-	15,767	-	-	1,942	1,865	3,807
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

**Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-June 2021**  
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
<b>PAD District 4</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	-	-	-	-	-
Algeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	-	-	-	-	-	-	-	-	-
Libya .....	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	-	-	-	-	328	-	6	4,681	58,128	295	26	321
Canada .....	-	-	-	-	328	-	6	4,681	58,128	295	26	321
Ecuador .....	-	-	-	-	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-	-	-	-	-
Other .....	-	-	-	-	0	-	0	0	0	0	0	0
<b>Total</b> .....	-	-	-	-	328	-	6	4,681	58,128	295	26	321
<b>PAD District 5</b>												
<b>OPEC</b> .....	-	-	-	-	-	-	-	3,600	65,961	345	20	364
Algeria .....	-	-	-	-	-	-	-	1,151	1,151	-	6	6
Angola .....	-	-	-	-	-	-	-	-	3,180	18	-	18
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-	21,054	116	-	116
Kuwait .....	-	-	-	-	-	-	-	-	605	3	-	3
Libya .....	-	-	-	-	-	-	-	-	11,045	61	-	61
Nigeria .....	-	-	-	-	-	-	-	-	4,306	24	-	24
Saudi Arabia .....	-	-	-	-	-	-	-	1,955	24,126	122	11	133
United Arab Emirates .....	-	-	-	-	-	-	-	329	329	-	2	2
Venezuela .....	-	-	-	-	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	163	-	143	-	415	187	-	57,485	193,282	750	318	1,068
Argentina .....	-	-	-	-	-	-	-	55	3,124	17	0	17
Aruba .....	-	-	-	-	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	365	7,369	39	2	41
Brunei .....	-	-	-	-	-	-	-	313	3,231	16	2	18
Canada .....	-	-	-	-	415	73	-	15,537	63,703	266	86	352
China .....	-	-	42	-	-	-	-	648	648	-	4	4
Colombia .....	-	-	-	-	-	-	-	-	10,962	61	-	61
Ecuador .....	-	-	-	-	-	-	-	1,935	30,044	155	11	166
Finland .....	-	-	-	-	-	-	-	272	272	-	2	2
Germany .....	-	-	-	-	-	-	-	5	5	-	0	0
Indonesia .....	-	-	-	-	-	-	-	-	-	-	-	-
Japan .....	-	-	18	-	-	-	-	810	810	-	4	4
Korea, South .....	-	-	-	-	-	46	-	17,881	17,881	-	99	99
Malaysia .....	-	-	1	-	-	-	-	380	380	-	2	2
Mexico .....	-	-	-	-	-	-	-	2,085	7,166	28	12	40
Netherlands .....	-	-	-	-	-	-	-	175	175	-	1	1
Oman .....	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea .....	-	-	-	-	-	-	-	-	-	-	-	-
Peru .....	-	-	-	-	-	-	-	-	346	2	-	2
Qatar .....	-	-	-	-	-	68	-	68	68	-	0	0
Singapore .....	-	-	-	-	-	-	-	5,749	5,749	-	32	32
Sweden .....	-	-	-	-	-	-	-	22	22	-	0	0
Taiwan .....	163	-	82	-	-	-	-	693	693	-	4	4
United Kingdom .....	-	-	-	-	-	-	-	681	681	-	4	4
Vietnam .....	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-	-	767	767	-	4	4
Other .....	0	-	0	-	0	0	-	9,044	39,186	166	49	215
<b>Total</b> .....	163	-	143	-	415	187	-	61,085	259,243	1,095	337	1,432
<b>Persian Gulf<sup>3</sup></b> .....	-	-	-	-	-	68	-	2,352	46,182	242	13	255

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

<sup>2</sup> Includes crude oil imported for storage in the Strategic Petroleum Reserve.

<sup>3</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

**Table 49. Exports of Crude Oil and Petroleum Products by PAD District, June 2021**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1</sup></b> .....	<b>567</b>	<b>4,331</b>	<b>94,539</b>	<b>-</b>	<b>1,046</b>	<b>100,484</b>	<b>3,349</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>11,235</b>	<b>8,636</b>	<b>48,195</b>	<b>93</b>	<b>1,839</b>	<b>69,998</b>	<b>2,333</b>
Natural Gas Liquids .....	11,235	8,636	48,195	93	1,839	69,998	2,333
Ethane .....	2,198	2,651	7,198	-	0	12,047	402
Propane .....	6,200	192	32,859	3	782	40,037	1,335
Normal Butane .....	2,748	146	7,891	10	1,029	11,824	394
Isobutane .....	1	1	132	-	-	133	4
Natural Gasoline .....	88	5,646	116	79	28	5,957	199
Refinery Olefins .....	--	--	--	--	--	--	--
Ethylene .....	--	--	--	--	--	--	--
Propylene .....	--	--	--	--	--	--	--
Normal Butylene .....	--	--	--	--	--	--	--
Isobutylene .....	--	--	--	--	--	--	--
<b>Other Liquids</b> .....	<b>139</b>	<b>3,287</b>	<b>13,845</b>	<b>35</b>	<b>458</b>	<b>17,764</b>	<b>592</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	118	1,051	1,065	34	341	2,608	87
Hydrogen .....	--	--	--	--	--	--	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
Other Oxygenates .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	118	1,051	1,065	34	341	2,608	87
Fuel Ethanol .....	113	652	1,011	18	169	1,963	65
Biodiesel .....	5	399	54	16	172	646	22
Other Renewable Diesel .....	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-
Other Hydrocarbons .....	-	-	-	-	-	-	-
Unfinished Oils .....	19	2,170	10,922	0	35	13,146	438
Naphthas and Lighter .....	7	2,165	10,707	-	17	12,896	430
Kerosene and Light Gas Oils .....	12	6	214	0	18	250	8
Heavy Gas Oils .....	-	-	-	-	-	-	-
Residuum .....	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC) .....	2	66	1,858	1	83	2,009	67
Reformulated .....	-	-	7	-	0	8	0
Conventional .....	2	66	1,851	1	82	2,002	67
Aviation Gasoline Blend. Comp. ....	-	-	-	-	-	-	-
<b>Finished Petroleum Products</b> .....	<b>2,283</b>	<b>1,832</b>	<b>76,552</b>	<b>21</b>	<b>8,915</b>	<b>89,603</b>	<b>2,987</b>
Finished Motor Gasoline .....	45	226	24,627	1	1,150	26,049	868
Reformulated .....	-	-	-	-	-	-	-
Conventional .....	45	226	24,627	1	1,150	26,049	868
Finished Aviation Gasoline .....	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	293	6	1,836	-	625	2,760	92
Kerosene .....	-	-	-	-	-	-	-
Distillate Fuel Oil .....	330	101	33,986	0	3,115	37,532	1,251
15 ppm sulfur and under .....	18	0	29,946	0	1,300	31,264	1,042
Greater than 15 ppm to 500 ppm sulfur .....	311	15	1,166	-	753	2,245	75
Greater than 500 ppm sulfur .....	1	86	2,874	-	1,061	4,022	134
Residual Fuel Oil .....	480	191	2,329	11	771	3,782	126
Naphtha for Petro. Feed. Use .....	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use .....	-	-	-	-	-	-	-
Special Naphthas .....	-	-	-	-	-	-	-
Lubricants .....	159	194	2,908	6	461	3,728	124
Waxes .....	84	30	23	-	3	140	5
Petroleum Coke .....	782	883	10,460	0	2,758	14,883	496
Asphalt and Road Oil .....	95	200	365	3	31	695	23
Miscellaneous Products .....	14	1	18	-	0	33	1
<b>Total</b> .....	<b>14,223</b>	<b>18,087</b>	<b>233,132</b>	<b>149</b>	<b>12,259</b>	<b>277,849</b>	<b>9,262</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

**Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-June 2021**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
<b>Crude Oil<sup>1</sup></b> .....	<b>3,666</b>	<b>21,328</b>	<b>508,265</b>	<b>-</b>	<b>7,572</b>	<b>540,832</b>	<b>2,988</b>
<b>Hydrocarbon Gas Liquids</b> .....	<b>52,381</b>	<b>54,758</b>	<b>302,143</b>	<b>553</b>	<b>9,054</b>	<b>418,889</b>	<b>2,314</b>
Natural Gas Liquids .....	52,381	54,758	302,143	553	9,054	418,889	2,314
Ethane .....	13,193	15,845	37,895	-	0	66,933	370
Propane .....	25,568	850	206,285	12	5,041	236,591	1,307
Normal Butane .....	13,196	713	58,375	46	3,938	75,849	419
Isobutane .....	5	13	585	0	3	603	3
Natural Gasoline .....	492	37,346	459	495	121	38,913	215
Refinery Olefins .....	--	--	--	--	--	--	--
Ethylene .....	--	--	--	--	--	--	--
Propylene .....	--	--	--	--	--	--	--
Normal Butylene .....	--	--	--	--	--	--	--
Isobutylene .....	--	--	--	--	--	--	--
<b>Other Liquids</b> .....	<b>903</b>	<b>14,251</b>	<b>80,588</b>	<b>99</b>	<b>2,718</b>	<b>98,560</b>	<b>545</b>
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons .....	709	4,230	11,590	97	1,635	18,262	101
Hydrogen .....	--	--	--	--	--	--	--
Oxygenates (excluding Fuel Ethanol) .....	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE) .....	--	--	--	--	--	--	--
Other Oxygenates .....	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	709	4,230	11,590	97	1,635	18,262	101
Fuel Ethanol .....	465	3,026	11,178	54	1,204	15,927	88
Biodiesel .....	244	1,203	412	44	432	2,335	13
Other Renewable Diesel .....	--	--	--	--	--	--	--
Other Renewable Fuels .....	--	--	--	--	--	--	--
Other Hydrocarbons .....	--	--	--	--	--	--	--
Unfinished Oils .....	174	9,524	57,822	1	233	67,753	374
Naphthas and Lighter .....	71	9,487	56,477	0	125	66,161	366
Kerosene and Light Gas Oils .....	103	37	1,344	1	108	1,592	9
Heavy Gas Oils .....	--	--	--	--	--	--	--
Residuum .....	--	--	--	--	--	--	--
Motor Gasoline Blend.Comp. (MGBC) .....	20	498	11,176	2	850	12,545	69
Reformulated .....	2	--	24	--	10	35	0
Conventional .....	18	498	11,152	2	840	12,510	69
Aviation Gasoline Blend. Comp. ....	--	--	--	--	--	--	--
<b>Finished Petroleum Products</b> .....	<b>13,357</b>	<b>6,504</b>	<b>406,873</b>	<b>133</b>	<b>45,519</b>	<b>472,386</b>	<b>2,610</b>
Finished Motor Gasoline .....	1,191	1,395	129,298	6	8,764	140,655	777
Reformulated .....	--	--	--	--	--	--	--
Conventional .....	1,191	1,395	129,298	6	8,764	140,655	777
Finished Aviation Gasoline .....	--	--	--	--	--	--	--
Kerosene-Type Jet Fuel .....	1,174	116	10,725	--	2,567	14,581	81
Kerosene .....	3	4	546	--	183	736	4
Distillate Fuel Oil .....	3,108	528	167,174	0	11,560	182,370	1,008
15 ppm sulfur and under .....	2,187	7	144,426	0	8,273	154,892	856
Greater than 15 ppm to 500 ppm sulfur .....	916	98	10,792	--	1,454	13,260	73
Greater than 500 ppm sulfur .....	5	423	11,956	--	1,834	14,217	79
Residual Fuel Oil .....	2,087	933	13,663	46	3,395	20,123	111
Naphtha for Petro. Feed. Use .....	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use .....	--	--	--	--	--	--	--
Special Naphthas .....	--	--	--	--	--	--	--
Lubricants .....	1,015	1,108	14,313	72	2,249	18,757	104
Waxes .....	489	196	161	1	23	870	5
Petroleum Coke .....	3,752	1,605	68,329	0	16,612	90,298	499
Asphalt and Road Oil .....	450	609	2,574	8	166	3,806	21
Miscellaneous Products .....	89	11	90	--	1	191	1
<b>Total</b> .....	<b>70,307</b>	<b>96,841</b>	<b>1,297,869</b>	<b>786</b>	<b>64,864</b>	<b>1,530,667</b>	<b>8,457</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, June 2021**  
(Thousand Barrels)

Destination	Crude Oil <sup>1</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina .....	—	—	—	0	—	323	323	—	—	—
Australia .....	—	550	—	4	—	—	—	—	—	—
Bahamas .....	—	44	—	—	—	94	94	—	0	0
Bahrain .....	—	—	—	—	—	2	2	—	—	—
Belgium .....	—	1,166	—	810	—	0	0	—	—	—
Belize .....	—	51	—	—	—	—	—	—	—	—
Brazil .....	1,690	2,134	—	2,884	—	1,826	1,826	—	—	—
Canada .....	9,421	8,860	—	2,187	—	367	367	—	629	629
Cayman Islands .....	—	7	—	—	—	14	14	—	0	0
Chile .....	1,544	1,621	—	14	—	303	303	—	—	—
China .....	5,289	6,739	—	1	—	—	—	—	—	—
Colombia .....	—	18	—	837	—	451	451	—	—	—
Costa Rica .....	—	173	—	9	—	600	600	—	—	—
Denmark .....	667	—	—	—	—	—	—	—	—	—
Dominican Republic .....	1,002	529	—	0	—	700	700	—	—	—
Ecuador .....	—	1,416	—	15	—	0	0	—	—	—
Egypt .....	—	445	—	—	—	—	—	—	—	—
El Salvador .....	—	153	—	0	—	979	979	—	—	—
Finland .....	—	262	—	—	—	—	—	—	—	—
France .....	4,378	9	—	42	—	0	0	—	0	0
Germany .....	5,102	—	—	1	—	—	—	—	—	—
Ghana .....	—	—	—	0	—	—	—	—	—	—
Gibraltar .....	—	352	—	—	—	—	—	—	—	—
Greece .....	—	—	—	—	—	—	—	—	—	—
Guatemala .....	—	414	—	2	—	1,963	1,963	—	—	—
Honduras .....	—	339	—	1	—	589	589	—	0	0
Hong Kong .....	—	—	—	0	—	4	4	—	—	—
India .....	15,629	5,684	—	0	—	—	—	—	—	—
Indonesia .....	—	2,825	—	—	—	—	—	—	—	—
Ireland .....	1,960	—	—	—	—	—	—	—	—	—
Israel .....	1,486	—	—	—	—	—	—	—	—	—
Italy .....	2,155	—	—	—	—	—	—	—	—	—
Jamaica .....	—	28	—	—	—	15	15	—	0	0
Japan .....	722	11,938	—	1,748	—	0	0	0	0	1
Korea, South .....	13,835	7,614	—	1,588	—	3	3	—	0	0
Lebanon .....	—	—	—	—	—	—	—	—	—	—
Mexico .....	—	4,063	—	594	—	14,232	14,232	7	1,342	1,349
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	1,246	—	—	—	—	—	—	—	—
Mozambique .....	—	—	—	—	—	—	—	—	—	—
Netherlands .....	7,471	915	—	1,831	—	86	86	—	—	—
New Zealand .....	—	—	—	0	—	0	0	—	—	—
Nicaragua .....	300	—	—	—	—	338	338	—	—	—
Nigeria .....	—	479	—	—	—	320	320	—	—	—
Norway .....	753	1,011	—	—	—	—	—	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—	—	—
Panama .....	—	73	—	—	—	695	695	—	—	—
Peru .....	—	381	—	95	—	1,046	1,046	1	28	29
Philippines .....	—	—	—	—	—	—	—	—	—	—
Portugal .....	709	381	—	—	—	—	—	—	—	—
Puerto Rico .....	—	44	—	1	—	2	2	—	0	0
Romania .....	—	—	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	1	—	0	0	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore .....	6,578	1,555	—	342	—	300	300	—	0	0
South Africa .....	—	—	—	—	—	—	—	—	—	—
Spain .....	3,585	596	—	0	—	—	—	—	—	—
Switzerland .....	—	328	—	—	—	—	—	—	—	—
Taiwan .....	6,975	—	—	0	—	—	—	—	—	—
Thailand .....	1,012	0	—	1	—	—	—	—	—	—
Trinidad and Tobago .....	—	—	—	0	—	240	240	—	—	—
Turkey .....	—	1,250	—	0	—	0	0	—	—	—
United Arab Emirates .....	—	0	—	0	—	—	—	—	—	—
United Kingdom .....	5,956	1,866	—	0	—	2	2	—	—	—
Venezuela .....	—	0	—	0	—	0	0	—	—	—
Other .....	2,265	2,439	—	138	—	555	555	—	3	1
<b>Total .....</b>	<b>100,484</b>	<b>69,998</b>	<b>—</b>	<b>13,146</b>	<b>—</b>	<b>26,049</b>	<b>26,049</b>	<b>8</b>	<b>2,002</b>	<b>2,009</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, June 2021**  
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina .....	--	--	--	--	--	--	413	--	634	--	1,047
Australia .....	--	--	0	--	--	--	1	--	--	--	1
Bahamas .....	--	--	0	--	--	--	182	--	245	--	427
Bahrain .....	--	--	--	--	--	--	--	--	--	--	--
Belgium .....	--	--	0	--	--	--	47	--	--	--	47
Belize .....	--	--	0	--	--	--	70	--	--	--	70
Brazil .....	--	--	0	--	--	--	4,551	98	126	--	4,775
Canada .....	--	--	799	591	--	--	4	197	140	--	341
Cayman Islands .....	--	--	--	--	--	--	165	--	--	--	165
Chile .....	--	--	1	--	--	--	1,921	310	--	--	2,231
China .....	--	--	0	--	--	--	1	--	0	--	1
Colombia .....	--	--	45	--	--	--	215	--	0	--	215
Costa Rica .....	--	--	0	--	--	--	809	--	--	--	809
Denmark .....	--	--	--	--	--	--	--	--	--	--	--
Dominican Republic .....	--	--	1	--	--	--	765	0	210	--	975
Ecuador .....	--	--	--	--	--	--	528	570	--	--	1,098
Egypt .....	--	--	--	--	--	--	0	--	--	--	0
El Salvador .....	--	--	--	--	--	--	213	--	112	--	325
Finland .....	--	--	--	--	--	--	--	--	--	--	--
France .....	--	--	31	--	--	--	5	--	--	--	5
Germany .....	--	--	--	0	--	--	0	--	--	--	0
Ghana .....	--	--	--	--	--	--	--	--	--	--	--
Gibraltar .....	--	--	--	--	--	--	108	--	300	--	408
Greece .....	--	--	--	--	--	--	--	--	--	--	--
Guatemala .....	--	--	0	--	--	--	891	--	--	--	891
Honduras .....	--	--	0	--	--	--	794	--	--	--	794
Hong Kong .....	--	--	0	--	--	--	--	--	--	--	--
India .....	--	--	77	--	--	--	1	--	--	--	1
Indonesia .....	--	--	--	0	--	--	--	--	--	--	--
Ireland .....	--	--	0	--	--	--	316	--	--	--	316
Israel .....	--	--	1	--	--	--	--	--	--	--	--
Italy .....	--	--	4	--	--	--	--	--	--	--	--
Jamaica .....	--	--	78	--	--	--	75	0	15	--	90
Japan .....	--	--	1	--	--	--	--	--	--	--	--
Korea, South .....	--	--	379	--	--	--	0	--	--	--	0
Lebanon .....	--	--	--	--	--	--	--	--	--	--	--
Mexico .....	--	--	137	34	--	--	11,094	46	273	--	11,413
Montenegro .....	--	--	--	--	--	--	--	--	--	--	--
Morocco .....	--	--	--	--	--	--	--	--	--	--	--
Mozambique .....	--	--	--	--	--	--	--	--	--	--	--
Netherlands .....	--	--	90	--	--	--	1,079	--	650	--	1,729
New Zealand .....	--	--	0	--	--	--	0	--	--	--	0
Nicaragua .....	--	--	0	--	--	--	88	--	138	--	226
Nigeria .....	--	--	--	--	--	--	--	--	--	--	--
Norway .....	--	--	--	--	--	--	--	--	--	--	--
Pakistan .....	--	--	--	--	--	--	--	--	--	--	--
Panama .....	--	--	--	--	--	--	1,528	748	80	--	2,355
Peru .....	--	--	224	20	--	--	1,236	--	--	--	1,236
Philippines .....	--	--	38	--	--	--	--	--	--	--	--
Portugal .....	--	--	--	--	--	--	--	--	--	--	--
Puerto Rico .....	--	--	3	--	--	--	0	1	0	--	1
Romania .....	--	--	--	--	--	--	--	--	--	--	--
Saudi Arabia .....	--	--	--	--	--	--	--	--	--	--	--
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--	--
Singapore .....	--	--	0	--	--	--	1,153	--	603	--	1,756
South Africa .....	--	--	--	--	--	--	--	--	--	--	--
Spain .....	--	--	--	--	--	--	--	--	--	--	--
Switzerland .....	--	--	2	--	--	--	285	--	0	--	285
Taiwan .....	--	--	1	--	--	--	--	--	--	--	--
Thailand .....	--	--	0	--	--	--	--	--	--	--	--
Trinidad and Tobago .....	--	--	0	--	--	--	--	--	281	--	281
Turkey .....	--	--	--	0	--	--	--	--	--	--	--
United Arab Emirates .....	--	--	0	--	--	--	0	--	--	--	0
United Kingdom .....	--	--	0	--	--	--	2,227	--	--	--	2,227
Venezuela .....	--	--	0	--	--	--	1	--	--	--	1
Other .....	--	--	51	1	--	--	498	275	215	--	990
<b>Total .....</b>	<b>--</b>	<b>--</b>	<b>1,963</b>	<b>646</b>	<b>--</b>	<b>--</b>	<b>31,264</b>	<b>2,245</b>	<b>4,022</b>	<b>--</b>	<b>37,532</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, June 2021**  
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina .....	-	-	-	-	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	5	-	275	-	-
Bahrain .....	-	-	-	-	-	-	-	-
Belgium .....	-	-	-	-	-	-	-	-
Belize .....	-	-	-	20	-	-	-	-
Brazil .....	-	-	-	-	-	-	-	-
Canada .....	-	-	-	416	-	877	-	-
Cayman Islands .....	-	-	-	-	-	-	-	-
Chile .....	-	-	-	193	-	475	-	-
China .....	-	-	-	-	-	2	-	-
Colombia .....	-	-	-	3	-	-	-	-
Costa Rica .....	-	-	-	121	-	-	-	-
Denmark .....	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	175	-	1	-	-
Ecuador .....	-	-	-	0	-	-	-	-
Egypt .....	-	-	-	1	-	-	-	-
El Salvador .....	-	-	-	35	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-
France .....	-	-	-	0	-	-	-	-
Germany .....	-	-	-	-	-	-	-	-
Ghana .....	-	-	-	-	-	-	-	-
Gibraltar .....	-	-	-	-	-	-	-	-
Greece .....	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	16	-	-	-	-
Honduras .....	-	-	-	53	-	-	-	-
Hong Kong .....	-	-	-	-	-	-	-	-
India .....	-	-	-	-	-	0	-	-
Indonesia .....	-	-	-	-	-	-	-	-
Ireland .....	-	-	-	-	-	-	-	-
Israel .....	-	-	-	0	-	-	-	-
Italy .....	-	-	-	-	-	-	-	-
Jamaica .....	-	-	-	-	-	-	-	-
Japan .....	-	-	-	-	-	0	-	-
Korea, South .....	-	-	-	-	-	0	-	-
Lebanon .....	-	-	-	-	-	-	-	-
Mexico .....	-	-	-	1,355	-	444	-	-
Montenegro .....	-	-	-	-	-	-	-	-
Morocco .....	-	-	-	-	-	-	-	-
Mozambique .....	-	-	-	-	-	-	-	-
Netherlands .....	-	-	-	-	-	260	-	-
New Zealand .....	-	-	-	-	-	-	-	-
Nicaragua .....	-	-	-	33	-	-	-	-
Nigeria .....	-	-	-	0	-	-	-	-
Norway .....	-	-	-	-	-	-	-	-
Pakistan .....	-	-	-	-	-	-	-	-
Panama .....	-	-	-	194	-	987	-	-
Peru .....	-	-	-	47	-	-	-	-
Philippines .....	-	-	-	-	-	-	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	-	-	-	-	-	-	-	-
Romania .....	-	-	-	-	-	-	-	-
Saudi Arabia .....	-	-	-	1	-	-	-	-
Serbia (Excludes Kosovo) ..	-	-	-	-	-	-	-	-
Singapore .....	-	-	-	-	-	285	-	-
South Africa .....	-	-	-	-	-	-	-	-
Spain .....	-	-	-	-	-	-	-	-
Switzerland .....	-	-	-	-	-	-	-	-
Taiwan .....	-	-	-	-	-	-	-	-
Thailand .....	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	1	-	-	-	-
Turkey .....	-	-	-	-	-	-	-	-
United Arab Emirates .....	-	-	-	-	-	0	-	-
United Kingdom .....	-	-	-	-	-	-	-	-
Venezuela .....	-	-	-	-	-	-	-	-
Other .....	-	-	-	91	-	176	-	-
<b>Total .....</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,760</b>	<b>-</b>	<b>3,782</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 51. Exports of Crude Oil and Petroleum Products by Destination, June 2021**  
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina .....	0	168	70	20	—	1,628	1,628	—	54	54
Australia .....	1	220	0	4	—	780	780	—	26	26
Bahamas .....	—	—	1	1	—	847	847	—	28	28
Bahrain .....	—	—	—	0	—	2	2	—	0	0
Belgium .....	0	141	0	509	0	2,674	2,674	—	89	89
Belize .....	—	—	—	1	—	143	143	—	5	5
Brazil .....	1	2,508	0	755	1	14,883	16,573	56	496	552
Canada .....	104	362	309	276	5	16,124	25,545	314	537	852
Cayman Islands .....	—	—	0	1	—	188	188	—	6	6
Chile .....	0	0	—	76	—	4,914	6,458	51	164	215
China .....	3	2,221	1	13	0	8,981	14,270	176	299	476
Colombia .....	0	—	0	66	0	1,637	1,637	—	55	55
Costa Rica .....	—	0	47	20	—	1,779	1,779	—	59	59
Denmark .....	—	166	—	0	—	166	832	22	6	28
Dominican Republic .....	0	194	—	23	0	2,600	3,602	33	87	120
Ecuador .....	—	—	0	28	0	2,558	2,558	—	85	85
Egypt .....	—	288	—	0	—	735	735	—	24	24
El Salvador .....	0	—	0	5	—	1,497	1,497	—	50	50
Finland .....	—	—	—	2	—	264	264	—	9	9
France .....	0	350	—	29	—	466	4,844	146	16	161
Germany .....	2	182	1	4	—	189	5,291	170	6	176
Ghana .....	—	—	—	0	—	0	0	—	0	0
Gibraltar .....	—	—	—	—	—	759	759	—	25	25
Greece .....	—	—	—	0	—	0	0	—	0	0
Guatemala .....	0	193	—	28	—	3,508	3,508	—	117	117
Honduras .....	0	291	—	11	—	2,079	2,079	—	69	69
Hong Kong .....	0	—	—	1	0	6	6	—	0	0
India .....	2	149	0	62	0	5,977	21,606	521	199	720
Indonesia .....	0	0	1	1	—	2,827	2,827	—	94	94
Ireland .....	0	179	—	0	—	495	2,455	65	17	82
Israel .....	0	0	—	30	0	32	1,518	50	1	51
Italy .....	0	342	—	0	—	346	2,501	72	12	83
Jamaica .....	—	—	0	5	0	217	217	—	7	7
Japan .....	1	1,461	1	8	4	15,162	15,884	24	505	529
Korea, South .....	0	—	—	4	0	9,590	23,425	461	320	781
Lebanon .....	—	—	—	1	—	1	1	—	0	0
Mexico .....	18	1,319	187	1,263	18	36,427	36,427	—	1,214	1,214
Montenegro .....	—	—	—	—	—	—	—	—	—	—
Morocco .....	—	664	—	0	—	1,911	1,911	—	64	64
Mozambique .....	—	61	—	—	—	61	61	—	2	2
Netherlands .....	4	206	1	4	0	5,125	12,597	249	171	420
New Zealand .....	0	110	—	0	—	111	111	—	4	4
Nicaragua .....	—	—	—	7	—	604	904	10	20	30
Nigeria .....	—	—	—	2	—	802	802	—	27	27
Norway .....	—	125	—	0	—	1,137	1,890	25	38	63
Pakistan .....	0	303	—	0	—	303	303	—	10	10
Panama .....	0	—	33	28	—	4,365	4,365	—	145	145
Peru .....	0	—	—	58	0	3,138	3,138	—	105	105
Philippines .....	0	0	—	1	0	40	40	—	1	1
Portugal .....	—	117	—	0	—	497	1,206	24	17	40
Puerto Rico .....	0	—	0	9	—	61	61	—	2	2
Romania .....	—	50	—	1	—	51	51	—	2	2
Saudi Arabia .....	—	0	—	3	—	6	6	—	0	0
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	—	0	34	—	4,272	10,850	219	142	362
South Africa .....	—	2	—	123	—	125	125	—	4	4
Spain .....	1	968	—	0	—	1,566	5,151	119	52	172
Switzerland .....	—	—	—	0	—	615	615	—	21	21
Taiwan .....	0	—	—	7	0	8	6,983	233	0	233
Thailand .....	0	—	0	3	0	5	1,017	34	0	34
Trinidad and Tobago .....	—	—	—	3	—	525	525	—	18	18
Turkey .....	—	574	—	48	—	1,872	1,872	—	62	62
United Arab Emirates .....	0	—	1	79	—	81	81	—	3	3
United Kingdom .....	0	205	0	1	0	4,301	10,257	199	143	342
Venezuela .....	—	—	—	5	—	7	7	—	0	0
Other .....	3	764	42	65	5	5,295	7,560	76	178	254
<b>Total .....</b>	<b>140</b>	<b>14,883</b>	<b>695</b>	<b>3,728</b>	<b>33</b>	<b>177,365</b>	<b>277,849</b>	<b>3,349</b>	<b>5,912</b>	<b>9,262</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-June 2021**  
(Thousand Barrels)

Destination	Crude Oil <sup>1</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina .....	8	0	--	357	--	323	323	--	--	--
Australia .....	2,981	2,264	--	12	--	0	0	2	0	2
Bahamas .....	--	722	--	0	--	705	705	0	1	1
Bahrain .....	--	--	--	0	--	2	2	--	--	--
Belgium .....	1,242	3,962	--	1,489	--	1	1	0	--	0
Belize .....	--	131	--	--	--	125	125	--	0	0
Brazil .....	11,970	11,718	--	14,847	--	5,763	5,763	0	--	0
Canada .....	58,447	56,093	--	9,613	--	2,455	2,455	--	3,832	3,832
Cayman Islands .....	--	26	--	--	--	150	150	1	0	1
Chile .....	5,959	7,572	--	69	--	1,972	1,972	--	1	1
China .....	52,306	40,355	--	21	--	5	5	--	0	0
Colombia .....	2,862	42	--	5,368	--	4,700	4,700	0	269	270
Costa Rica .....	--	1,050	--	23	--	4,270	4,270	--	--	--
Denmark .....	3,457	--	--	125	--	--	--	0	--	0
Dominican Republic .....	4,458	6,291	--	2	--	1,873	1,873	--	--	--
Ecuador .....	--	7,323	--	368	--	3,586	3,586	--	17	17
Egypt .....	--	4,057	--	--	--	--	--	--	--	--
El Salvador .....	--	1,604	--	3	--	3,021	3,021	--	0	0
Finland .....	--	1,716	--	0	--	--	--	--	--	--
France .....	15,349	4,550	--	165	--	0	0	--	0	0
Germany .....	16,257	230	--	23	--	--	--	--	0	0
Ghana .....	--	--	--	0	--	--	--	--	--	--
Gibraltar .....	--	826	--	--	--	--	--	--	--	--
Greece .....	--	--	--	--	--	0	0	--	--	--
Guatemala .....	--	2,410	--	18	--	9,744	9,744	--	1	1
Honduras .....	--	2,739	--	5	--	3,206	3,206	--	0	0
Hong Kong .....	--	--	--	652	--	10	10	--	--	--
India .....	75,890	29,173	--	346	--	20	20	--	1	1
Indonesia .....	612	23,314	--	4	--	--	--	--	--	--
Ireland .....	5,140	--	--	--	--	1	1	--	--	--
Israel .....	1,486	1	--	65	--	--	--	--	--	--
Italy .....	18,199	1,011	--	8	--	0	0	--	--	--
Jamaica .....	--	202	--	0	--	489	489	--	1	1
Japan .....	2,732	72,649	--	9,268	--	2	2	6	183	189
Korea, South .....	60,844	26,843	--	7,130	--	11	11	2	4	6
Lebanon .....	--	--	--	--	--	0	0	--	--	--
Mexico .....	--	29,220	--	2,892	--	84,079	84,079	22	7,555	7,577
Montenegro .....	--	--	--	--	--	--	--	--	--	--
Morocco .....	--	7,953	--	--	--	--	--	--	--	--
Mozambique .....	--	--	--	--	--	--	--	--	--	--
Netherlands .....	50,984	10,682	--	6,863	--	86	86	--	--	--
New Zealand .....	--	1	--	1	--	0	0	--	--	--
Nicaragua .....	1,310	--	--	--	--	834	834	--	--	--
Nigeria .....	--	3,919	--	0	--	1,140	1,140	--	--	--
Norway .....	6,001	5,967	--	413	--	--	--	--	0	0
Pakistan .....	--	--	--	--	--	0	0	--	--	--
Panama .....	1,400	440	--	6	--	4,468	4,468	0	130	130
Peru .....	2,616	2,334	--	233	--	4,702	4,702	1	307	308
Philippines .....	--	525	--	1	--	--	--	--	--	--
Portugal .....	2,163	5,753	--	--	--	--	--	--	--	--
Puerto Rico .....	--	195	--	21	--	12	12	0	3	3
Romania .....	--	--	--	--	--	--	--	--	--	--
Saudi Arabia .....	--	0	--	6	--	1	1	--	0	0
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--
Singapore .....	25,032	5,894	--	3,452	--	494	494	--	0	0
South Africa .....	798	1,332	--	--	--	--	--	--	--	--
Spain .....	11,692	2,686	--	33	--	--	--	--	--	--
Switzerland .....	2,847	2,772	--	345	--	--	--	--	--	--
Taiwan .....	35,858	3	--	1,418	--	6	6	0	0	0
Thailand .....	7,540	0	--	15	--	--	--	--	--	--
Trinidad and Tobago .....	--	0	--	1	--	241	241	--	--	--
Turkey .....	--	8,294	--	0	--	0	0	--	0	0
United Arab Emirates .....	--	0	--	3	--	3	3	--	0	0
United Kingdom .....	37,683	7,110	--	835	--	163	163	--	200	200
Venezuela .....	--	1	--	0	--	2	2	1	0	1
Other .....	14,709	14,934	--	1,234	--	1,990	1,990	--	5	4
<b>Total .....</b>	<b>540,832</b>	<b>418,889</b>	<b>--</b>	<b>67,753</b>	<b>--</b>	<b>140,655</b>	<b>140,655</b>	<b>35</b>	<b>12,510</b>	<b>12,545</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-June 2021**  
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina .....	--	--	0	--	--	--	1,441	613	634	--	2,688
Australia .....	--	--	33	0	--	--	3	--	--	--	3
Bahamas .....	--	--	0	--	--	--	1,223	--	1,084	--	2,307
Bahrain .....	--	--	1	--	--	--	--	--	--	--	--
Belgium .....	--	--	1	--	--	--	422	--	--	--	422
Belize .....	--	--	0	--	--	--	373	--	--	--	373
Brazil .....	--	--	729	--	--	--	17,907	1,685	227	--	19,818
Canada .....	--	--	3,811	1,893	--	--	9	2,294	544	--	2,847
Cayman Islands .....	--	--	--	--	--	--	362	--	--	--	362
Chile .....	--	--	3	1	--	--	14,840	310	293	--	15,444
China .....	--	--	2,384	--	--	--	6	--	1	--	7
Colombia .....	--	--	510	--	--	--	1,933	--	0	--	1,933
Costa Rica .....	--	--	2	--	--	--	3,965	--	--	--	3,965
Denmark .....	--	--	--	--	--	--	37	40	--	--	77
Dominican Republic .....	--	--	5	--	--	--	2,007	2	1,150	--	3,159
Ecuador .....	--	--	0	--	--	--	1,743	1,012	165	--	2,920
Egypt .....	--	--	2	--	--	--	1	--	--	--	1
El Salvador .....	--	--	--	--	--	--	856	301	529	--	1,685
Finland .....	--	--	262	--	--	--	2	--	--	--	2
France .....	--	--	175	--	--	--	11	--	--	--	11
Germany .....	--	--	5	5	--	--	0	--	--	--	0
Ghana .....	--	--	--	--	--	--	--	--	--	--	--
Gibraltar .....	--	--	--	--	--	--	2,133	40	1,900	--	4,072
Greece .....	--	--	1	--	--	--	--	--	--	--	--
Guatemala .....	--	--	0	--	--	--	5,234	404	1,332	--	6,970
Honduras .....	--	--	0	--	--	--	4,689	--	--	--	4,689
Hong Kong .....	--	--	0	--	--	--	--	--	--	--	--
India .....	--	--	2,544	--	--	--	67	--	15	--	82
Indonesia .....	--	--	0	0	--	--	1,349	--	--	--	1,349
Ireland .....	--	--	0	--	--	--	316	--	--	--	316
Israel .....	--	--	5	--	--	--	0	--	--	--	0
Italy .....	--	--	23	--	--	--	--	209	--	--	209
Jamaica .....	--	--	225	--	--	--	471	100	213	--	784
Japan .....	--	--	3	--	--	--	5	--	--	--	5
Korea, South .....	--	--	2,072	4	--	--	837	0	--	--	837
Lebanon .....	--	--	--	--	--	--	0	--	--	--	0
Mexico .....	--	--	477	35	--	--	52,501	180	519	--	53,199
Montenegro .....	--	--	--	--	--	--	--	--	--	--	--
Morocco .....	--	--	--	--	--	--	326	--	--	--	326
Mozambique .....	--	--	--	--	--	--	--	--	--	--	--
Netherlands .....	--	--	150	158	--	--	1,868	305	1,126	--	3,298
New Zealand .....	--	--	0	--	--	--	0	--	--	--	0
Nicaragua .....	--	--	0	--	--	--	577	20	727	--	1,324
Nigeria .....	--	--	486	--	--	--	1	--	--	--	1
Norway .....	--	--	69	--	--	--	81	--	--	--	81
Pakistan .....	--	--	--	--	--	--	--	--	--	--	--
Panama .....	--	--	0	--	--	--	9,327	2,354	193	--	11,874
Peru .....	--	--	616	153	--	--	11,604	0	299	--	11,904
Philippines .....	--	--	585	--	--	--	--	--	--	--	--
Portugal .....	--	--	--	--	--	--	0	--	--	--	0
Puerto Rico .....	--	--	21	--	--	--	3	1	0	--	5
Romania .....	--	--	--	--	--	--	--	--	--	--	--
Saudi Arabia .....	--	--	278	--	--	--	8	--	--	--	8
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--	--
Singapore .....	--	--	75	3	--	--	4,710	--	628	--	5,338
South Africa .....	--	--	0	--	--	--	0	--	--	--	0
Spain .....	--	--	0	--	--	--	--	--	--	--	--
Switzerland .....	--	--	29	--	--	--	570	--	0	--	570
Taiwan .....	--	--	1	--	--	--	0	--	--	--	0
Thailand .....	--	--	0	--	--	--	1	--	--	--	1
Trinidad and Tobago .....	--	--	0	--	--	--	891	780	281	--	1,951
Turkey .....	--	--	86	0	--	--	--	--	--	--	--
United Arab Emirates .....	--	--	0	--	--	--	0	--	--	--	0
United Kingdom .....	--	--	114	--	--	--	4,714	--	--	--	4,714
Venezuela .....	--	--	0	--	--	--	24	--	--	--	24
Other .....	--	--	144	83	--	--	5,444	2,610	2,357	--	10,415
<b>Total .....</b>	<b>--</b>	<b>--</b>	<b>15,927</b>	<b>2,335</b>	<b>--</b>	<b>--</b>	<b>154,892</b>	<b>13,260</b>	<b>14,217</b>	<b>--</b>	<b>182,370</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-June 2021**  
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina .....	—	—	—	51	—	—	—	—
Australia .....	0	—	—	0	—	0	—	—
Bahamas .....	—	—	—	446	—	1,292	—	—
Bahrain .....	—	—	—	—	—	—	—	—
Belgium .....	—	—	—	—	—	0	—	—
Belize .....	—	—	—	32	—	—	—	—
Brazil .....	—	—	—	120	—	—	—	—
Canada .....	112	—	—	1,839	—	5,417	—	—
Cayman Islands .....	—	—	—	6	—	1	—	—
Chile .....	—	—	—	1,115	—	1,322	—	—
China .....	0	—	—	0	—	7	—	—
Colombia .....	6	—	—	4	—	—	—	—
Costa Rica .....	—	—	—	623	—	—	—	—
Denmark .....	—	—	—	—	—	—	—	—
Dominican Republic .....	—	—	—	681	—	486	—	—
Ecuador .....	2	—	—	2	—	0	—	—
Egypt .....	0	—	—	1	—	—	—	—
El Salvador .....	0	—	—	132	—	0	—	—
Finland .....	—	—	—	—	—	0	—	—
France .....	—	—	—	0	—	0	—	—
Germany .....	—	—	—	—	—	4	—	—
Ghana .....	—	—	—	—	—	—	—	—
Gibraltar .....	—	—	—	—	—	—	—	—
Greece .....	—	—	—	—	—	—	—	—
Guatemala .....	—	—	—	387	—	—	—	—
Honduras .....	0	—	—	184	—	75	—	—
Hong Kong .....	—	—	—	—	—	0	—	—
India .....	—	—	—	0	—	4	—	—
Indonesia .....	—	—	—	—	—	0	—	—
Ireland .....	—	—	—	—	—	—	—	—
Israel .....	0	—	—	667	—	0	—	—
Italy .....	—	—	—	—	—	—	—	—
Jamaica .....	0	—	—	61	—	337	—	—
Japan .....	—	—	—	0	—	0	—	—
Korea, South .....	—	—	—	0	—	0	—	—
Lebanon .....	—	—	—	—	—	507	—	—
Mexico .....	543	—	—	6,153	—	2,769	—	—
Montenegro .....	—	—	—	—	—	—	—	—
Morocco .....	—	—	—	—	—	—	—	—
Mozambique .....	—	—	—	—	—	—	—	—
Netherlands .....	0	—	—	—	—	1,041	—	—
New Zealand .....	0	—	—	0	—	0	—	—
Nicaragua .....	56	—	—	112	—	—	—	—
Nigeria .....	—	—	—	0	—	—	—	—
Norway .....	—	—	—	—	—	—	—	—
Pakistan .....	—	—	—	—	—	—	—	—
Panama .....	0	—	—	923	—	1,715	—	—
Peru .....	5	—	—	245	—	1	—	—
Philippines .....	—	—	—	—	—	0	—	—
Portugal .....	—	—	—	—	—	—	—	—
Puerto Rico .....	—	—	—	0	—	0	—	—
Romania .....	—	—	—	—	—	—	—	—
Saudi Arabia .....	—	—	—	3	—	2,152	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore .....	7	—	—	—	—	1,854	—	—
South Africa .....	—	—	—	—	—	0	—	—
Spain .....	—	—	—	—	—	—	—	—
Switzerland .....	—	—	—	—	—	—	—	—
Taiwan .....	—	—	—	0	—	0	—	—
Thailand .....	—	—	—	0	—	0	—	—
Trinidad and Tobago .....	—	—	—	1	—	—	—	—
Turkey .....	—	—	—	—	—	—	—	—
United Arab Emirates .....	1	—	—	2	—	0	—	—
United Kingdom .....	0	—	—	0	—	1	—	—
Venezuela .....	0	—	—	—	—	—	—	—
Other .....	4	—	—	791	—	1,138	—	—
<b>Total .....</b>	<b>736</b>	<b>—</b>	<b>—</b>	<b>14,581</b>	<b>—</b>	<b>20,123</b>	<b>—</b>	<b>—</b>

See footnotes at end of table.

**Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-June 2021**  
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina .....	1	168	140	236	0	3,965	3,973	0	22	22
Australia .....	6	1,328	2	28	2	3,682	6,663	16	20	37
Bahamas .....	—	—	8	12	1	5,494	5,494	—	30	30
Bahrain .....	0	—	—	1	—	4	4	—	0	0
Belgium .....	0	610	0	2,691	4	9,180	10,422	7	51	58
Belize .....	—	—	—	7	—	668	668	—	4	4
Brazil .....	5	10,028	0	2,567	5	65,602	77,572	66	362	429
Canada .....	629	2,759	1,065	1,541	37	93,943	152,390	323	519	842
Cayman Islands .....	—	—	10	7	0	563	563	—	3	3
Chile .....	3	3	248	429	0	28,182	34,141	33	156	189
China .....	14	18,490	5	123	4	61,416	113,722	289	339	628
Colombia .....	2	0	1	610	3	13,450	16,312	16	74	90
Costa Rica .....	1	428	305	100	0	10,766	10,766	—	59	59
Denmark .....	0	519	—	0	—	721	4,178	19	4	23
Dominican Republic .....	1	920	217	110	1	13,745	18,202	25	76	101
Ecuador .....	0	1,284	1	252	0	15,757	15,757	—	87	87
Egypt .....	0	862	—	3	—	4,927	4,927	—	27	27
El Salvador .....	0	301	0	135	—	6,880	6,880	—	38	38
Finland .....	—	107	0	5	—	2,092	2,092	—	12	12
France .....	1	1,354	—	32	0	6,288	21,637	85	35	120
Germany .....	18	199	17	45	1	548	16,805	90	3	93
Ghana .....	—	—	—	2	—	2	2	—	0	0
Gibraltar .....	—	—	—	—	—	4,899	4,899	—	27	27
Greece .....	—	807	—	2	—	810	810	—	4	4
Guatemala .....	2	1,056	—	148	—	20,735	20,735	—	115	115
Honduras .....	0	811	114	75	0	11,900	11,900	—	66	66
Hong Kong .....	1	0	—	7	1	672	672	—	4	4
India .....	7	3,496	2	585	1	36,261	112,151	419	200	620
Indonesia .....	0	0	6	9	0	24,683	25,296	3	136	140
Ireland .....	0	531	—	2	0	850	5,990	28	5	33
Israel .....	0	429	—	111	0	1,278	2,764	8	7	15
Italy .....	6	3,405	0	4	1	4,668	22,867	101	26	126
Jamaica .....	0	0	0	39	1	2,140	2,140	—	12	12
Japan .....	3	8,536	5	60	22	90,744	93,475	15	501	516
Korea, South .....	2	3	2	41	2	36,954	97,798	336	204	540
Lebanon .....	—	—	—	5	—	512	512	—	3	3
Mexico .....	112	11,958	1,240	6,217	88	206,561	206,561	—	1,141	1,141
Montenegro .....	—	—	—	0	—	0	0	—	0	0
Morocco .....	—	2,516	—	0	—	10,796	10,796	—	60	60
Mozambique .....	—	420	—	0	—	420	420	—	2	2
Netherlands .....	36	2,088	8	84	1	24,496	75,480	282	135	417
New Zealand .....	0	325	197	4	—	527	527	—	3	3
Nicaragua .....	—	0	—	37	—	2,364	3,674	7	13	20
Nigeria .....	0	—	0	8	—	5,554	5,554	—	31	31
Norway .....	0	554	0	5	—	7,090	13,090	33	39	72
Pakistan .....	0	592	1	1	0	594	594	—	3	3
Panama .....	2	—	92	326	0	19,977	21,377	8	110	118
Peru .....	0	1	0	400	1	20,903	23,518	14	115	130
Philippines .....	0	1	0	11	1	1,124	1,124	—	6	6
Portugal .....	0	282	—	1	—	6,036	8,198	12	33	45
Puerto Rico .....	0	—	3	69	—	330	330	—	2	2
Romania .....	—	122	—	2	—	124	124	—	1	1
Saudi Arabia .....	0	141	—	34	—	2,623	2,623	—	14	14
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore .....	0	0	1	179	0	17,297	42,329	138	96	234
South Africa .....	0	330	—	391	—	2,054	2,852	4	11	16
Spain .....	4	4,198	—	7	0	6,928	18,620	65	38	103
Switzerland .....	—	—	—	1	0	3,716	6,563	16	21	36
Taiwan .....	1	2	2	36	1	1,471	37,329	198	8	206
Thailand .....	1	—	2	23	1	43	7,583	42	0	42
Trinidad and Tobago .....	—	1	—	43	0	2,238	2,238	—	12	12
Turkey .....	0	3,472	0	190	1	12,044	12,044	—	67	67
United Arab Emirates .....	0	643	5	237	0	894	894	—	5	5
United Kingdom .....	5	450	1	6	3	13,601	51,284	208	75	283
Venezuela .....	—	—	—	27	—	56	56	—	0	0
Other .....	7	3,768	106	394	8	34,993	49,706	82	197	275
<b>Total .....</b>	<b>870</b>	<b>90,298</b>	<b>3,806</b>	<b>18,757</b>	<b>191</b>	<b>989,835</b>	<b>1,530,667</b>	<b>2,988</b>	<b>5,469</b>	<b>8,457</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2021**  
(Thousand Barrels per Day)

Country of Origin	Crude Oil <sup>1</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b>	<b>933</b>	<b>-11</b>	<b>-</b>	<b>76</b>	<b>-</b>	<b>-10</b>	<b>-10</b>	<b>6</b>	<b>89</b>	<b>95</b>
Algeria	7	-	-	26	-	-	-	-	-	-
Angola	25	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	0	0
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	180	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	103	-	-	1	-	0	0	-	-	-
Nigeria	181	-11	-	-	-	-10	-10	-	11	11
Saudi Arabia	436	-	-	49	-	0	0	6	78	85
United Arab Emirates	-	0	-	0	-	-	-	-	-	-
Venezuela	-	0	-	0	-	0	0	-	-	-
<b>Non-OPEC</b>	<b>2,320</b>	<b>-2,205</b>	<b>16</b>	<b>234</b>	<b>-</b>	<b>-751</b>	<b>-751</b>	<b>269</b>	<b>422</b>	<b>690</b>
Argentina	19	-	-	0	-	-11	-11	-	-	-
Aruba	-	0	-	-	-	-2	-2	-	-	-
Australia	-	-18	-	0	-	-	-	-	-	-
Bahamas	-	-1	-	-	-	-3	-3	-	0	0
Bahrain	-	-	-	-	-	0	0	-	-	-
Belgium	-	-39	-	7	-	0	0	35	17	52
Brazil	53	-71	-	-96	-	-60	-60	-	13	13
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,702	-183	16	-71	-	6	6	105	15	120
Chad	-	-	-	-	-	-	-	-	-	-
China	-176	-225	-	0	-	-	-	-	-	-
Colombia	176	-1	-	-28	-	-15	-15	-	-	-
Denmark	-22	-	-	-	-	-	-	0	0	0
Dominican Republic	-33	-18	-	0	-	-23	-23	-	-	-
Ecuador	118	-47	-	8	-	0	0	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-9	-	-	-	-	-	-	2	2
France	-146	0	-	1	-	0	0	6	23	29
Germany	-170	-	-	1	-	-	-	-	4	4
Guatemala	9	-14	-	0	-	-65	-65	-	-	-
Honduras	-	-11	-	0	-	-20	-20	-	0	0
India	-521	-189	-	3	-	2	2	-	82	82
Indonesia	-	-94	-	-	-	-	-	-	-	-
Italy	-72	-	-	1	-	9	9	-	37	37
Japan	-24	-398	-	-58	-	0	0	0	1	1
Korea, South	-461	-254	-	-53	-	19	19	-	27	27
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	5	5	-	22	22
Malaysia	-	0	-	13	-	-	-	-	-	-
Mexico	681	-135	-	28	-	-474	-474	0	-45	-45
Netherlands	-249	-30	-	-56	-	11	11	48	86	134
Norway	-1	-34	-	-	-	3	3	24	15	39
Oman	-	-	-	0	-	0	0	-	-	-
Panama	-	-2	-	-	-	-23	-23	-	-	-
Portugal	-24	-13	-	-	-	3	3	16	17	33
Puerto Rico	-	-1	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	282	-	-	452	-	17	17	2	41	43
Spain	-119	-20	-	0	-	-	-	-	12	12
Sweden	-48	-23	-	-	-	0	0	-	3	3
Trinidad and Tobago	30	-	-	0	-	-8	-8	-	-	-
United Kingdom	-115	-62	-	26	-	0	0	31	12	43
Vietnam	-	-18	-	0	-	-	-	-	0	0
Virgin Islands, U.S.	-	-	-	22	-	-5	-5	-	0	0
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-569	-295	0	34	-	-117	-117	2	38	39
<b>Total</b>	<b>3,252</b>	<b>-2,216</b>	<b>16</b>	<b>310</b>	<b>-</b>	<b>-761</b>	<b>-761</b>	<b>275</b>	<b>511</b>	<b>786</b>
<b>Persian Gulf<sup>2</sup></b>	<b>616</b>	<b>0</b>	<b>-</b>	<b>49</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>78</b>	<b>85</b>

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2021**  
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b>	--	--	0	-	-	-	3	-	-	-	3
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	0	-	-	-	0
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	3	-	-	-	3
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	0	-	-	-	0	-	-	-	0
Venezuela	--	--	0	-	-	-	0	-	-	-	0
<b>Non-OPEC</b>	--	--	-55	-7	36	-	-816	-64	-134	-	-1,014
Argentina	--	--	-	-	-	-	-14	-	-21	-	-35
Aruba	--	--	0	-	-	-	-1	-	-	-	-1
Australia	--	--	0	-	-	-	0	-	-	-	0
Bahamas	--	--	0	-	-	-	-6	-	-8	-	-14
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	0	-	-	-	47	-	-	-	47
Brazil	--	--	10	-	-	-	-152	-3	-4	-	-159
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-27	-12	-	-	126	-7	-5	-	114
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	0	-	-	-	0	-	0	-	0
Colombia	--	--	-2	-	-	-	12	-	0	-	12
Denmark	--	--	-	-	-	-	-	-	-	-	-
Dominican Republic	--	--	0	-	-	-	-26	0	-7	-	-33
Ecuador	--	--	-	-	-	-	-18	-19	-	-	-37
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-1	-	-	-	0	-	-	-	0
Germany	--	--	-	5	-	-	0	-	-	-	0
Guatemala	--	--	0	-	-	-	-30	-	-	-	-30
Honduras	--	--	0	-	-	-	-26	-	-	-	-26
India	--	--	-3	-	-	-	0	-	-	-	0
Indonesia	--	--	-	0	-	-	-	-	-	-	-
Italy	--	--	0	-	-	-	-	-	-	-	-
Japan	--	--	0	-	-	-	7	-	-	-	7
Korea, South	--	--	-13	2	-	-	0	11	-	-	10
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	0	0	-	-	-	-	-	-	-
Mexico	--	--	-5	-1	-	-	-370	-2	-9	-	-380
Netherlands	--	--	-3	-	-	-	-36	-	-22	-	-58
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Panama	--	--	-	-	-	-	-51	-25	-3	-	-79
Portugal	--	--	-	-	-	-	-	-	-	-	-
Puerto Rico	--	--	0	-	-	-	0	0	0	-	0
Qatar	--	--	-	-	-	-	11	-	-	-	11
Russia	--	--	-	-	-	-	15	-	-	-	15
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-2	-	-	-	0	-	-	-	0
Trinidad and Tobago	--	--	0	-	-	-	-	-	-9	-	-9
United Kingdom	--	--	0	-	-	-	-74	-	-	-	-74
Vietnam	--	--	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	--	--	-	-	-	-	-3	-	-	-	-3
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-9	-1	36	-	-227	-19	-46	-	-292
<b>Total</b>	--	--	-55	-7	36	-	-813	-64	-134	-	-1,011
<b>Persian Gulf<sup>2</sup></b>	--	--	0	-	-	-	11	-	-	-	11

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2021**  
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
<b>OPEC</b> .....	-	-	-	35	-	21	-	-
Algeria .....	-	-	-	-	-	-	-	-
Angola .....	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	-	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	-	-	-	-	-	-	-	-
Kuwait .....	-	-	-	12	-	20	-	-
Libya .....	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	2	-	-	-	-
Saudi Arabia .....	-	-	-	5	-	1	-	-
United Arab Emirates .....	-	-	-	16	-	0	-	-
Venezuela .....	-	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	0	2	-	51	4	79	14	4
Argentina .....	-	-	-	-	-	-	-	-
Aruba .....	-	-	-	-3	-	-	-	-
Australia .....	-	-	-	-	-	-	-	-
Bahamas .....	-	-	-	0	-	-9	-	-
Bahrain .....	-	-	-	-	-	8	-	-
Belgium .....	-	-	-	-	-	-	1	-
Brazil .....	-	-	-	-	-	22	-	-
Brunei .....	-	-	-	-	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-
Canada .....	0	0	-	17	0	3	3	3
Chad .....	-	-	-	-	-	-	-	-
China .....	-	-	-	10	-	0	-	-
Colombia .....	-	-	-	0	-	3	-	-
Denmark .....	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	-6	-	0	-	-
Ecuador .....	-	-	-	0	-	26	-	-
Estonia .....	-	1	-	-	-	-	-	-
Finland .....	-	-	-	-	-	-	-	-
France .....	-	-	-	0	-	-	-	1
Germany .....	-	-	-	-	-	-	-	-
Guatemala .....	-	-	-	-1	-	-	-	-
Honduras .....	-	-	-	-2	-	-	-	-
India .....	-	-	-	17	-	6	-	-
Indonesia .....	-	-	-	-	-	-	-	-
Italy .....	-	-	-	-	-	7	-	-
Japan .....	-	-	-	19	-	0	1	-
Korea, South .....	-	-	-	67	3	0	-	-
Latvia .....	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-
Malaysia .....	-	-	-	0	-	0	-	-
Mexico .....	-	-	-	-45	-	41	4	-
Netherlands .....	-	1	-	-	1	-9	-	-
Norway .....	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-
Panama .....	-	-	-	-6	-	-33	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	-	-	-	-	-	-	-	-
Qatar .....	-	-	-	-	-	-	-	-
Russia .....	-	-	-	-	-	39	-	-
Spain .....	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	0	-	-	-	-
United Kingdom .....	-	-	-	-	-	-	-	-
Vietnam .....	-	-	-	0	-	-	-	-
Virgin Islands, U.S. .....	-	-	-	-	-	-2	-	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	0	0	-	-16	0	-23	5	0
<b>Total</b> .....	0	2	-	87	4	101	14	4
<b>Persian Gulf<sup>2</sup></b> .....	-	-	-	33	-	29	-	-

See footnotes at end of table.

**Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, June 2021**  
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
<b>OPEC</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>-</b>	<b>212</b>	<b>1,145</b>
Algeria	-	-	0	-	-	25	33
Angola	-	-	-	0	-	0	25
Congo (Brazzaville)	-	-	-	-	-	-	0
Equatorial Guinea	-	-	-	-	-	0	0
Gabon	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-
Iraq	-	-	-	0	-	0	180
Kuwait	-	-	-	0	-	32	32
Libya	-	-	-	0	-	1	105
Nigeria	-	-	-	0	-	-5	176
Saudi Arabia	-	0	-	0	-	140	576
United Arab Emirates	0	-	0	3	-	19	19
Venezuela	-	-	-	0	-	0	0
<b>Non-OPEC</b>	<b>1</b>	<b>-489</b>	<b>37</b>	<b>-75</b>	<b>-1</b>	<b>-3,428</b>	<b>-1,108</b>
Argentina	0	-2	-2	-1	-	-51	-31
Aruba	-	-	-	0	-	-6	-6
Australia	0	-7	0	0	-	-26	-26
Bahamas	-	-	0	0	-	-28	-28
Bahrain	-	-	-	2	-	10	10
Belgium	0	-5	0	-17	0	47	47
Brazil	0	-82	0	-25	0	-449	-396
Brunei	-	-	-	-	-	-	-
Cameroon	-	-	0	-	-	0	0
Canada	0	-11	48	4	0	32	3,734
Chad	-	-	-	-	-	-	-
China	0	-74	0	0	0	-289	-465
Colombia	0	-	0	-2	0	-33	143
Denmark	-	-6	-	0	-	-5	-28
Dominican Republic	0	-6	-	-1	0	-87	-120
Ecuador	-	-	0	-1	0	-51	67
Estonia	-	-	-	-	-	1	1
Finland	-	-	-	0	-	-7	-7
France	0	-12	-	-1	-	16	-129
Germany	0	-6	0	0	-	4	-166
Guatemala	0	-6	-	-1	-	-117	-108
Honduras	0	-10	-	0	-	-69	-69
India	0	-5	0	-2	0	-88	-609
Indonesia	0	0	0	2	-	-92	-92
Italy	0	-11	-	0	-	43	-29
Japan	0	-48	0	0	0	-477	-501
Korea, South	0	-	-	8	0	-183	-644
Latvia	-	-	-	0	-	0	0
Lithuania	-	-	-	0	-	27	27
Malaysia	0	-	0	0	0	13	13
Mexico	-1	-44	-6	-42	-1	-1,107	-426
Netherlands	0	-7	0	7	0	-9	-258
Norway	-	-4	-	0	-	5	4
Oman	-	-	0	0	-	0	0
Panama	0	-	-1	-1	-	-145	-145
Portugal	-	-4	-	0	-	19	-4
Puerto Rico	0	-	0	0	-	-2	-2
Qatar	-	-	-	12	-	23	23
Russia	0	-	0	0	-	565	847
Spain	0	-32	-	0	-	-40	-159
Sweden	-	-	-	0	0	-22	-70
Trinidad and Tobago	-	-	-	0	-	-18	12
United Kingdom	1	-7	0	0	0	-73	-188
Vietnam	0	-	0	0	0	-18	-18
Virgin Islands, U.S.	-	-	-	0	-	12	12
Yemen	-	-	-	0	-	0	0
Other	1	-100	-2	-16	0	-753	-1,324
<b>Total</b>	<b>1</b>	<b>-489</b>	<b>36</b>	<b>-73</b>	<b>-1</b>	<b>-3,216</b>	<b>37</b>
<b>Persian Gulf<sup>2</sup></b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>-</b>	<b>223</b>	<b>839</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

<sup>2</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-June 2021**  
(Thousand Barrels per Day)

Country of Origin	Crude Oil <sup>1</sup>	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
<b>OPEC</b>	<b>713</b>	<b>-20</b>	<b>-</b>	<b>33</b>	<b>-</b>	<b>-5</b>	<b>-5</b>	<b>1</b>	<b>43</b>	<b>44</b>
Algeria	31	-	-	6	-	0	0	-	2	2
Angola	31	-	-	-	-	-	-	-	4	4
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	1	-	-	-	-	-	-	0	0
Gabon	-	-	-	-	-	-	-	-	0	0
Iran	6	-	-	-	-	-	-	-	-	-
Iraq	144	-	-	6	-	-	-	-	-	-
Kuwait	14	0	-	-	-	0	0	-	-	-
Libya	85	-	-	1	-	0	0	-	-	-
Nigeria	111	-21	-	1	-	-6	-6	-	11	11
Saudi Arabia	292	0	-	19	-	2	2	1	25	26
United Arab Emirates	-	0	-	0	-	0	0	-	2	2
Venezuela	-	0	-	0	-	0	0	0	0	0
<b>Non-OPEC</b>	<b>2,202</b>	<b>-2,124</b>	<b>17</b>	<b>162</b>	<b>-</b>	<b>-656</b>	<b>-656</b>	<b>211</b>	<b>419</b>	<b>631</b>
Argentina	17	0	-	-2	-	-2	-2	-	3	3
Aruba	-	0	-	0	-	-1	-1	-	-	-
Australia	-16	-13	-	0	-	0	0	0	0	0
Bahamas	-	-4	-	0	-	-4	-4	0	0	0
Bahrain	-	-	-	0	-	0	0	-	-	-
Belgium	-7	-22	-	-2	-	2	2	11	19	29
Brazil	-6	-65	-	-82	-	-29	-29	0	26	26
Brunei	16	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	0	0	-	-	-
Canada	3,398	-143	17	-49	-	7	7	109	20	129
Chad	-	-	-	-	-	-	-	-	-	-
China	-289	-223	-	0	-	0	0	-	0	0
Colombia	173	0	-	-30	-	-26	-26	0	-1	-1
Denmark	-19	-	-	-1	-	0	0	1	0	1
Dominican Republic	-25	-35	-	0	-	-10	-10	-	-	-
Ecuador	158	-40	-	7	-	-20	-20	-	0	0
Estonia	-	-	-	1	-	-	-	-	0	0
Finland	-	-9	-	1	-	1	1	-	24	24
France	-85	-25	-	-1	-	1	1	11	17	28
Germany	-90	-1	-	1	-	1	1	-	2	2
Guatemala	3	-13	-	0	-	-54	-54	-	0	0
Honduras	-	-15	-	0	-	-18	-18	-	0	0
India	-419	-161	-	-1	-	4	4	-	59	59
Indonesia	-3	-129	-	0	-	-	-	-	-	-
Italy	-101	-6	-	4	-	6	6	0	30	30
Japan	-15	-401	-	-51	-	0	0	0	2	2
Korea, South	-336	-148	-	-39	-	10	10	0	23	23
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-4	-	-	-	-	2	2	-	4	4
Malaysia	-	0	-	2	-	0	0	-	-	-
Mexico	587	-161	0	26	-	-465	-465	0	-42	-42
Netherlands	-282	-59	-	-36	-	19	19	36	58	94
Norway	8	-32	-	3	-	1	1	12	6	18
Oman	-	-	-	0	-	0	0	-	0	0
Panama	-8	-2	-	0	-	-25	-25	0	-1	-1
Portugal	-12	-32	-	-	-	1	1	10	22	32
Puerto Rico	-	-1	-	0	-	0	0	0	0	0
Qatar	-	-	-	0	-	0	0	0	-	0
Russia	184	0	-	387	-	19	19	2	50	51
Spain	-65	-15	-	0	-	3	3	0	24	25
Sweden	-16	-15	-	-1	-	1	1	1	12	13
Trinidad and Tobago	37	0	-	0	-	-1	-1	-	-	-
United Kingdom	-167	-39	-	2	-	3	3	18	19	37
Vietnam	-3	-9	-	0	-	0	0	0	0	0
Virgin Islands, U.S.	-47	-5	-	12	-	-1	-1	-	10	10
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-364	-301	0	11	-	-81	-81	0	33	35
<b>Total</b>	<b>2,915</b>	<b>-2,144</b>	<b>17</b>	<b>194</b>	<b>-</b>	<b>-660</b>	<b>-660</b>	<b>212</b>	<b>462</b>	<b>674</b>
<b>Persian Gulf<sup>2</sup></b>	<b>456</b>	<b>0</b>	<b>-</b>	<b>25</b>	<b>-</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>27</b>	<b>28</b>

See footnotes at end of table.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-June 2021**  
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
<b>OPEC</b>	--	--	-4	-	-	-	32	-	-	-	32
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	0	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	0	-	-	-	0
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	0	-	-	-	0
Kuwait	--	--	0	-	-	-	0	-	-	-	0
Libya	--	--	-	-	-	-	0	-	-	-	0
Nigeria	--	--	-3	-	-	-	9	-	-	-	9
Saudi Arabia	--	--	-2	-	-	-	16	-	-	-	16
United Arab Emirates	--	--	0	-	-	-	7	-	-	-	7
Venezuela	--	--	0	-	-	-	0	-	-	-	0
<b>Non-OPEC</b>	--	--	-82	-1	30	-	-579	-68	-76	-	-724
Argentina	--	--	0	-	-	-	-8	-3	-4	-	-15
Aruba	--	--	0	-	-	-	0	-	0	-	-1
Australia	--	--	0	0	-	-	0	-	-	-	0
Bahamas	--	--	0	-	-	-	-7	-	-6	-	-13
Bahrain	--	--	0	-	-	-	2	-	-	-	2
Belgium	--	--	0	-	-	-	14	-	-	-	14
Brazil	--	--	-2	-	-	-	-99	-9	-1	-	-109
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-21	-3	-	-	137	-13	-3	-	122
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-13	-	-	-	0	-	0	-	0
Colombia	--	--	-3	-	-	-	12	-	0	-	12
Denmark	--	--	-	-	-	-	0	0	-	-	0
Dominican Republic	--	--	0	-	-	-	-11	0	-6	-	-17
Ecuador	--	--	0	-	-	-	-10	-6	-1	-	-16
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-1	-	-	-	1	-	-	-	1
France	--	--	-1	-	-	-	1	-	-	-	1
Germany	--	--	0	2	-	-	0	-	-	-	0
Guatemala	--	--	0	-	-	-	-29	-2	-7	-	-39
Honduras	--	--	0	-	-	-	-26	-	-	-	-26
India	--	--	-14	-	-	-	19	-	0	-	19
Indonesia	--	--	0	0	-	-	-7	-	-	-	-7
Italy	--	--	0	-	-	-	-	-1	-	-	-1
Japan	--	--	0	-	-	-	1	-	-	-	1
Korea, South	--	--	-11	1	-	-	0	5	-	-	5
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	0	-	-	-	0
Malaysia	--	--	0	0	-	-	-6	-	-	-	-6
Mexico	--	--	-3	0	-	-	-290	-1	-3	-	-294
Netherlands	--	--	-1	-1	-	-	11	-2	-6	-	3
Norway	--	--	0	-	-	-	0	-	-	-	0
Oman	--	--	0	-	-	-	9	-	-	-	9
Panama	--	--	0	-	-	-	-52	-13	-1	-	-66
Portugal	--	--	-	-	-	-	1	-	-	-	1
Puerto Rico	--	--	0	-	-	-	0	0	0	-	0
Qatar	--	--	0	-	-	-	8	-	-	-	8
Russia	--	--	-	-	-	-	25	0	-	-	25
Spain	--	--	0	0	-	-	-	-	-	-	-
Sweden	--	--	-1	-	-	-	0	-	-	-	0
Trinidad and Tobago	--	--	0	-	-	-	-5	-4	-2	-	-11
United Kingdom	--	--	-1	-	-	-	-26	-	-	-	-26
Vietnam	--	--	0	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	--	--	0	-	-	-	-1	-3	1	-	-3
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-10	0	30	-	-243	-16	-37	-	-297
<b>Total</b>	--	--	-86	-1	30	-	-548	-68	-76	-	-692
<b>Persian Gulf<sup>2</sup></b>	--	--	-2	-	-	-	33	-	-	-	33

See footnotes at end of table.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-June 2021**  
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
<b>OPEC</b> .....	<b>0</b>	<b>-</b>	<b>-</b>	<b>21</b>	<b>1</b>	<b>-8</b>	<b>0</b>	<b>-</b>
Algeria .....	-	-	-	4	-	0	-	-
Angola .....	-	-	-	-	-	-	-	-
Congo (Brazzaville) .....	-	-	-	-	-	-	-	-
Equatorial Guinea .....	-	-	-	-	-	-	-	-
Gabon .....	-	-	-	-	-	1	-	-
Iran .....	-	-	-	-	-	-	-	-
Iraq .....	0	-	-	0	-	-	-	-
Kuwait .....	-	-	-	5	-	3	-	-
Libya .....	-	-	-	-	-	-	-	-
Nigeria .....	-	-	-	0	-	-	0	-
Saudi Arabia .....	-	-	-	2	1	-12	-	-
United Arab Emirates .....	0	-	-	10	-	0	-	-
Venezuela .....	0	-	-	-	-	-	-	-
<b>Non-OPEC</b> .....	<b>-4</b>	<b>1</b>	<b>-</b>	<b>39</b>	<b>9</b>	<b>69</b>	<b>15</b>	<b>4</b>
Argentina .....	-	-	-	0	-	-	-	0
Aruba .....	0	-	-	-2	-	-	-	-
Australia .....	0	-	-	0	-	0	-	-
Bahamas .....	-	-	-	-2	-	-5	-	-
Bahrain .....	-	-	-	-	-	1	-	-
Belgium .....	-	-	-	-	-	0	1	-
Brazil .....	-	-	-	-1	1	5	-	-
Brunei .....	-	-	-	2	-	-	-	-
Cameroon .....	-	-	-	-	-	-	-	-
Canada .....	-1	0	-	4	2	-9	3	3
Chad .....	-	-	-	-	-	-	-	-
China .....	0	-	-	3	-	0	-	-
Colombia .....	0	-	-	1	-	3	-	-
Denmark .....	-	-	-	-	-	-	-	-
Dominican Republic .....	-	-	-	-4	-	-3	-	-
Ecuador .....	0	-	-	0	-	8	-	-
Estonia .....	-	0	-	-	-	1	-	-
Finland .....	-	-	-	-	-	0	-	-
France .....	-	-	-	2	-	0	0	1
Germany .....	-	-	-	-	-	0	-	-
Guatemala .....	-	-	-	-2	-	-	-	-
Honduras .....	0	-	-	-1	-	0	-	-
India .....	-	-	-	10	0	4	-	-
Indonesia .....	-	-	-	-	-	0	-	-
Italy .....	-	-	-	3	-	1	-	-
Japan .....	-	-	-	4	1	0	2	-
Korea, South .....	-	-	-	77	4	0	1	-
Latvia .....	-	-	-	-	-	-	-	-
Lithuania .....	-	-	-	-	-	-	-	-
Malaysia .....	0	-	-	0	-	0	-	-
Mexico .....	-3	-	-	-34	0	42	5	-
Netherlands .....	0	1	-	-	0	-3	-	-
Norway .....	-	-	-	-	-	-	-	-
Oman .....	-	-	-	-	-	-	-	-
Panama .....	0	-	-	-5	-	-8	-	-
Portugal .....	-	-	-	-	-	-	-	-
Puerto Rico .....	-	-	-	0	-	0	-	-
Qatar .....	0	-	-	0	-	0	-	-
Russia .....	-	-	-	-	-	39	0	-
Spain .....	-	-	-	-	-	-	-	-
Sweden .....	-	-	-	-	-	-	-	-
Trinidad and Tobago .....	-	-	-	0	-	-	-	-
United Kingdom .....	0	-	-	0	-	0	1	-
Vietnam .....	0	-	-	0	-	-	-	-
Virgin Islands, U.S. ....	0	-	-	2	-	5	1	-
Yemen .....	-	-	-	-	-	-	-	-
Other .....	0	0	-	-18	1	-12	1	0
<b>Total</b> .....	<b>-4</b>	<b>1</b>	<b>-</b>	<b>60</b>	<b>10</b>	<b>62</b>	<b>15</b>	<b>4</b>
<b>Persian Gulf<sup>2</sup></b> .....	<b>0</b>	<b>-</b>	<b>-</b>	<b>17</b>	<b>1</b>	<b>-7</b>	<b>-</b>	<b>-</b>

See footnotes at end of table.

**Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-June 2021**  
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
<b>OPEC</b>	<b>0</b>	<b>-2</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>95</b>	<b>808</b>
Algeria	--	--	0	0	--	12	43
Angola	--	--	--	0	--	4	35
Congo (Brazzaville)	--	--	--	--	--	--	0
Equatorial Guinea	--	0	--	0	--	1	1
Gabon	--	--	--	--	--	1	1
Iran	--	--	--	--	--	--	6
Iraq	--	--	--	0	--	6	149
Kuwait	0	1	--	0	--	9	23
Libya	--	--	--	0	--	1	86
Nigeria	0	--	0	0	--	-9	102
Saudi Arabia	0	1	--	0	--	53	346
United Arab Emirates	0	-4	0	3	0	18	18
Venezuela	--	--	--	0	--	0	0
<b>Non-OPEC</b>	<b>2</b>	<b>-485</b>	<b>28</b>	<b>-59</b>	<b>-1</b>	<b>-3,130</b>	<b>-928</b>
Argentina	0	3	-1	-1	0	-14	3
Aruba	0	--	0	0	--	-4	-4
Australia	0	-7	0	0	0	-20	-37
Bahamas	--	--	0	0	0	-28	-28
Bahrain	0	--	--	3	--	6	6
Belgium	0	-3	0	-15	0	4	-3
Brazil	0	-53	0	-14	0	-324	-330
Brunei	--	--	--	0	--	2	18
Cameroon	--	-1	0	0	--	-1	-1
Canada	-1	-14	41	3	0	90	3,488
Chad	--	--	--	0	--	0	0
China	1	-102	0	-1	0	-335	-624
Colombia	0	0	1	-3	0	-47	126
Denmark	0	-3	0	0	--	-3	-22
Dominican Republic	0	-5	-1	-1	0	-76	-101
Ecuador	0	-7	0	-1	0	-71	87
Estonia	--	--	--	0	--	2	2
Finland	--	-1	0	0	--	15	15
France	0	-7	--	0	0	-1	-85
Germany	0	-1	0	0	0	3	-87
Guatemala	0	-6	--	-1	--	-115	-111
Honduras	0	-4	-1	0	0	-66	-66
India	0	-19	0	-3	0	-103	-523
Indonesia	0	0	0	3	0	-133	-136
Italy	0	-19	0	0	0	19	-82
Japan	0	-47	0	0	0	-490	-505
Korea, South	0	0	0	8	0	-70	-406
Latvia	0	--	--	0	--	0	0
Lithuania	0	0	--	0	0	6	2
Malaysia	1	-3	0	0	0	-6	-6
Mexico	-1	-66	-7	-34	0	-1,036	-448
Netherlands	0	-12	0	2	0	7	-275
Norway	0	-3	0	0	--	-14	-6
Oman	--	0	0	0	--	9	9
Panama	0	--	-1	-2	0	-109	-117
Portugal	0	-2	--	0	--	2	-10
Puerto Rico	0	--	0	0	--	-2	-2
Qatar	0	-2	--	12	--	18	18
Russia	0	1	0	0	--	523	707
Spain	0	-23	0	0	0	-9	-74
Sweden	0	0	--	0	0	-2	-18
Trinidad and Tobago	--	0	--	0	0	-12	25
United Kingdom	1	-2	0	0	0	-25	-192
Vietnam	0	0	0	0	0	-9	-12
Virgin Islands, U.S.	--	--	0	0	0	21	-26
Yemen	--	--	--	0	--	0	0
Other	1	-77	-3	-14	-1	-732	-1,097
<b>Total</b>	<b>2</b>	<b>-487</b>	<b>28</b>	<b>-56</b>	<b>-1</b>	<b>-3,034</b>	<b>-119</b>
<b>Persian Gulf<sup>2</sup></b>	<b>0</b>	<b>-4</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>111</b>	<b>566</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

<sup>2</sup> Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, June 2021**  
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Crude Oil</b> .....	<b>8,012</b>	<b>124,267</b>	<b>864,615</b>	<b>24,515</b>	<b>47,846</b>	<b>1,069,255</b>
Refinery .....	5,765	13,495	45,333	2,332	20,957	87,882
Tank Farms and Pipelines (Includes Cushing, OK) ....	2,247	110,772	197,978	22,183	22,677	355,857
Cushing, Oklahoma .....	--	39,605	--	--	--	39,605
Leases .....	--	--	--	--	--	--
Strategic Petroleum Reserve <sup>1</sup> .....	--	--	621,304	--	--	621,304
Alaskan In Transit .....	--	--	--	--	4,212	4,212
<b>Total Stocks, All Oils (excluding Crude Oil)<sup>2</sup></b> .....	<b>159,558</b>	<b>173,736</b>	<b>376,383</b>	<b>23,294</b>	<b>90,577</b>	<b>823,548</b>
Refinery .....	11,381	47,196	117,779	10,518	47,140	234,014
Bulk Terminal .....	116,868	87,186	199,359	6,183	38,266	447,862
Pipeline .....	31,047	37,831	57,881	6,411	4,746	137,916
Natural Gas Processing Plant .....	262	1,523	1,364	182	425	3,756
<b>Natural Gas Liquids</b> .....	<b>8,242</b>	<b>44,091</b>	<b>131,403</b>	<b>6,549</b>	<b>3,519</b>	<b>193,804</b>
Refinery .....	396	3,202	6,359	317	1,408	11,682
Bulk Terminal .....	5,414	23,681	102,601	1,610	1,686	134,992
Pipeline .....	2,170	15,685	21,079	4,440	--	43,374
Natural Gas Processing Plant .....	262	1,523	1,364	182	425	3,756
<b>Ethane</b> .....	<b>792</b>	<b>6,810</b>	<b>56,297</b>	<b>1,319</b>	<b>--</b>	<b>65,218</b>
Refinery .....	--	--	13	--	--	13
Bulk Terminal .....	290	3,261	47,946	--	--	51,497
Pipeline .....	502	3,390	8,144	1,314	--	13,350
Natural Gas Processing Plant .....	--	159	194	5	--	358
<b>Propane</b> .....	<b>5,388</b>	<b>15,150</b>	<b>29,045</b>	<b>2,176</b>	<b>1,405</b>	<b>53,164</b>
Refinery .....	85	908	889	32	79	1,993
Bulk Terminal .....	3,813	9,993	21,737	498	1,251	37,292
Pipeline .....	1,359	3,676	6,175	1,574	--	12,784
Natural Gas Processing Plant .....	131	573	244	72	75	1,095
<b>Normal Butane</b> .....	<b>1,621</b>	<b>10,872</b>	<b>27,061</b>	<b>1,942</b>	<b>1,620</b>	<b>43,116</b>
Refinery .....	237	1,629	3,660	193	952	6,671
Bulk Terminal .....	1,112	7,861	20,499	1,102	426	31,000
Pipeline .....	222	1,184	2,547	610	--	4,563
Natural Gas Processing Plant .....	50	198	355	37	242	882
<b>Isobutane</b> .....	<b>134</b>	<b>2,156</b>	<b>6,850</b>	<b>392</b>	<b>433</b>	<b>9,965</b>
Refinery .....	74	436	1,128	70	373	2,081
Bulk Terminal .....	--	694	4,264	--	6	4,964
Pipeline .....	45	740	1,365	302	--	2,452
Natural Gas Processing Plant .....	15	286	93	20	54	468
<b>Natural Gasoline</b> .....	<b>307</b>	<b>9,103</b>	<b>12,150</b>	<b>720</b>	<b>61</b>	<b>22,341</b>
Refinery .....	--	229	669	22	4	924
Bulk Terminal .....	199	1,872	8,155	10	3	10,239
Pipeline .....	42	6,695	2,848	640	--	10,225
Natural Gas Processing Plant .....	66	307	478	48	54	953
<b>Refinery Olefins</b> .....	<b>158</b>	<b>449</b>	<b>1,135</b>	<b>127</b>	<b>99</b>	<b>1,968</b>
Refinery .....	158	449	1,135	127	99	1,968
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Ethylene</b> .....	<b>--</b>	<b>--</b>	<b>0</b>	<b>--</b>	<b>--</b>	<b>0</b>
Refinery .....	--	--	0	--	--	0
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Propylene</b> .....	<b>139</b>	<b>384</b>	<b>651</b>	<b>2</b>	<b>10</b>	<b>1,186</b>
Refinery .....	139	384	651	2	10	1,186
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Normal Butylene</b> .....	<b>9</b>	<b>65</b>	<b>456</b>	<b>125</b>	<b>89</b>	<b>744</b>
Refinery .....	9	65	456	125	89	744
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Isobutylene</b> .....	<b>10</b>	<b>0</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>38</b>
Refinery .....	10	0	28	0	0	38
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
Natural Gas Processing Plant .....	--	--	--	--	--	--
<b>Other Hydrocarbons</b> .....	<b>--</b>	<b>9</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>9</b>
Refinery .....	--	9	--	--	--	9
<b>Oxygenates (excluding Fuel Ethanol)</b> .....	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--

See footnotes at end of table.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, June 2021**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>MTBE</b> .....	--	--	--	--	--	--
Refinery .....	--	--	--	--	--	--
Bulk Terminal <sup>3</sup> .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
<b>Other Oxygenates<sup>4</sup></b> .....	--	--	--	--	--	--
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	--	--	--	--	--	--
Pipeline .....	--	--	--	--	--	--
<b>Renewable Fuels (including Fuel Ethanol)<sup>2</sup></b> .....	<b>7,779</b>	<b>9,097</b>	<b>5,237</b>	<b>410</b>	<b>4,992</b>	<b>27,516</b>
Refinery .....	216	124	315	130	796	1,581
Bulk Terminal .....	7,563	8,973	4,922	276	4,196	25,931
Pipeline .....	--	--	--	4	--	4
<b>Fuel Ethanol</b> .....	<b>6,643</b>	<b>8,240</b>	<b>4,035</b>	<b>363</b>	<b>2,685</b>	<b>21,966</b>
Refinery .....	209	98	190	124	192	813
Bulk Terminal .....	6,434	8,142	3,845	235	2,493	21,149
Pipeline .....	--	--	--	4	--	4
<b>Renewable Diesel Fuel<sup>5</sup></b> .....	<b>1,136</b>	<b>830</b>	<b>1,198</b>	<b>47</b>	<b>2,265</b>	<b>5,475</b>
Refinery .....	7	26	125	6	604	768
Bulk Terminal .....	1,129	804	1,073	41	1,661	4,707
Pipeline .....	--	--	--	--	--	--
<b>Other Renewable Fuels</b> .....	<b>--</b>	<b>27</b>	<b>5</b>	<b>--</b>	<b>42</b>	<b>74</b>
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	--	27	5	--	42	74
Pipeline .....	--	--	--	--	--	--
<b>Unfinished Oils</b> .....	<b>4,011</b>	<b>12,886</b>	<b>52,265</b>	<b>3,871</b>	<b>19,987</b>	<b>93,020</b>
<b>Naphthas and Lighter</b> .....	<b>833</b>	<b>3,154</b>	<b>10,416</b>	<b>1,058</b>	<b>3,395</b>	<b>18,856</b>
Refinery .....	784	3,123	9,180	1,058	3,169	17,314
Bulk Terminal .....	49	31	1,236	--	226	1,542
<b>Kerosene and Light Gas Oils</b> .....	<b>195</b>	<b>2,504</b>	<b>9,377</b>	<b>661</b>	<b>3,337</b>	<b>16,074</b>
Refinery .....	186	2,504	6,895	661	3,135	13,381
Bulk Terminal .....	9	--	2,482	--	202	2,693
<b>Heavy Gas Oils</b> .....	<b>2,196</b>	<b>4,856</b>	<b>26,173</b>	<b>1,749</b>	<b>10,494</b>	<b>45,468</b>
Refinery .....	1,954	4,757	22,423	1,749	9,568	40,451
Bulk Terminal .....	242	99	3,750	--	926	5,017
<b>Residuum</b> .....	<b>787</b>	<b>2,372</b>	<b>6,299</b>	<b>403</b>	<b>2,761</b>	<b>12,622</b>
Refinery .....	787	2,372	5,871	403	2,761	12,194
Bulk Terminal .....	--	--	428	--	--	428
<b>Motor Gasoline Blending Components<sup>2</sup></b> .....	<b>66,207</b>	<b>46,417</b>	<b>74,276</b>	<b>4,856</b>	<b>26,882</b>	<b>218,639</b>
Refinery .....	3,149	12,969	25,145	2,626	13,113	57,002
Bulk Terminal .....	49,690	22,810	31,840	1,288	11,280	116,909
Pipeline .....	13,368	10,638	17,291	942	2,489	44,728
<b>Reformulated - RBOB</b> .....	<b>22,389</b>	<b>6,936</b>	<b>11,352</b>	<b>--</b>	<b>13,471</b>	<b>54,149</b>
Refinery .....	1,016	921	1,778	--	4,561	8,276
Bulk Terminal .....	15,548	3,462	4,844	--	7,332	31,187
Pipeline .....	5,825	2,553	4,730	--	1,578	14,686
<b>Conventional</b> .....	<b>43,818</b>	<b>39,481</b>	<b>62,924</b>	<b>4,856</b>	<b>13,411</b>	<b>164,490</b>
Refinery .....	2,133	12,048	23,367	2,626	8,552	48,726
Bulk Terminal .....	34,142	19,348	26,996	1,288	3,948	85,722
Pipeline .....	7,543	8,085	12,561	942	911	30,042
<b>CBOB</b> .....	<b>29,933</b>	<b>32,209</b>	<b>33,623</b>	<b>3,674</b>	<b>6,768</b>	<b>106,207</b>
Refinery .....	469	5,945	9,747	1,447	2,384	19,992
Bulk Terminal .....	21,932	18,508	11,476	1,285	3,479	56,680
Pipeline .....	7,532	7,756	12,400	942	905	29,535
<b>GTAB</b> .....	<b>1,394</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>1,394</b>
Refinery .....	--	--	--	--	--	--
Bulk Terminal .....	1,394	--	--	--	--	1,394
Pipeline .....	--	--	--	--	--	--
<b>Other</b> .....	<b>12,491</b>	<b>7,272</b>	<b>29,301</b>	<b>1,182</b>	<b>6,643</b>	<b>56,889</b>
Refinery .....	1,664	6,103	13,620	1,179	6,168	28,734
Bulk Terminal .....	10,816	840	15,520	3	469	27,648
Pipeline .....	11	329	161	--	6	507
<b>Aviation Gasoline Blending Components</b> .....	<b>--</b>	<b>--</b>	<b>27</b>	<b>--</b>	<b>--</b>	<b>27</b>
Refinery .....	--	--	27	--	--	27
Bulk Terminal .....	--	--	--	--	--	--
<b>Finished Motor Gasoline</b> .....	<b>3,645</b>	<b>4,230</b>	<b>7,336</b>	<b>1,306</b>	<b>2,083</b>	<b>18,600</b>
Refinery .....	25	822	3,391	647	545	5,430
Bulk Terminal .....	1,049	1,033	3,037	476	1,488	7,083
Pipeline .....	2,571	2,375	908	183	50	6,087
<b>Reformulated</b> .....	<b>6</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>16</b>	<b>22</b>
Refinery .....	--	--	--	--	16	16
Bulk Terminal .....	6	--	--	--	--	6
Pipeline .....	--	--	--	--	--	--
<b>Reformulated (Blended with Fuel Ethanol)</b> .....	<b>6</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>16</b>	<b>22</b>
Refinery .....	--	--	--	--	16	16
Bulk Terminal .....	6	--	--	--	--	6
Pipeline .....	--	--	--	--	--	--

See footnotes at end of table.

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, June 2021**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Reformulated (Other)</b> .....	-	-	-	-	-	-
Refinery .....	-	-	-	-	-	-
Bulk Terminal .....	-	-	-	-	-	-
Pipeline .....	-	-	-	-	-	-
<b>Conventional</b> .....	<b>3,639</b>	<b>4,230</b>	<b>7,336</b>	<b>1,306</b>	<b>2,067</b>	<b>18,578</b>
Refinery .....	25	822	3,391	647	529	5,414
Bulk Terminal .....	1,043	1,033	3,037	476	1,488	7,077
Pipeline .....	2,571	2,375	908	183	50	6,087
<b>Conventional (Blended with Fuel Ethanol)</b> .....	-	<b>117</b>	-	<b>51</b>	<b>7</b>	<b>175</b>
Refinery .....	-	-	-	50	-	50
Bulk Terminal .....	-	117	-	1	7	125
Pipeline .....	-	-	-	-	-	-
<b>Ed55 and Lower</b> .....	-	<b>117</b>	-	<b>51</b>	-	<b>168</b>
Refinery .....	-	-	-	50	-	50
Bulk Terminal .....	-	117	-	1	-	118
Pipeline .....	-	-	-	-	-	-
<b>Greater than Ed55</b> .....	-	-	-	-	-	-
Refinery .....	-	-	-	-	-	-
Bulk Terminal .....	-	-	-	-	7	7
Pipeline .....	-	-	-	-	-	-
<b>Conventional (Other)</b> .....	<b>3,639</b>	<b>4,113</b>	<b>7,336</b>	<b>1,255</b>	<b>2,060</b>	<b>18,403</b>
Refinery .....	25	822	3,391	597	529	5,364
Bulk Terminal .....	1,043	916	3,037	475	1,481	6,952
Pipeline .....	2,571	2,375	908	183	50	6,087
<b>Finished Aviation Gasoline</b> .....	<b>166</b>	<b>150</b>	<b>412</b>	<b>8</b>	<b>312</b>	<b>1,048</b>
Refinery .....	-	43	267	8	210	528
Bulk Terminal .....	166	107	145	-	102	520
Pipeline .....	-	-	-	-	-	-
<b>Kerosene-Type Jet Fuel</b> .....	<b>11,415</b>	<b>7,098</b>	<b>16,127</b>	<b>543</b>	<b>9,526</b>	<b>44,709</b>
Refinery .....	423	2,018	5,229	240	3,465	11,375
Bulk Terminal .....	6,623	3,315	6,236	205	5,384	21,763
Pipeline .....	4,369	1,765	4,662	98	677	11,571
<b>Kerosene</b> .....	<b>1,389</b>	<b>70</b>	<b>155</b>	<b>1</b>	<b>8</b>	<b>1,623</b>
Refinery .....	55	53	112	1	3	224
Bulk Terminal .....	1,330	17	43	-	5	1,395
Pipeline .....	4	-	-	-	-	4
<b>Distillate Fuel Oil<sup>2</sup></b> .....	<b>41,603</b>	<b>31,681</b>	<b>50,100</b>	<b>3,342</b>	<b>13,334</b>	<b>140,060</b>
Refinery .....	1,535	6,336	14,484	1,373	4,667	28,395
Bulk Terminal .....	31,503	17,977	21,675	1,225	7,137	79,517
Pipeline .....	8,565	7,368	13,941	744	1,530	32,148
<b>15 ppm sulfur and Under</b> .....	<b>38,002</b>	<b>30,812</b>	<b>43,061</b>	<b>3,138</b>	<b>12,397</b>	<b>127,410</b>
Refinery .....	1,239	5,848	11,777	1,225	4,059	24,148
Bulk Terminal .....	28,979	17,780	18,204	1,169	6,876	73,008
Pipeline .....	7,784	7,184	13,080	744	1,462	30,254
<b>Greater than 15 ppm to 500 ppm sulfur</b> .....	<b>1,004</b>	<b>409</b>	<b>1,614</b>	<b>150</b>	<b>294</b>	<b>3,471</b>
Refinery .....	69	57	955	94	270	1,445
Bulk Terminal .....	935	175	561	56	1	1,728
Pipeline .....	-	177	98	-	23	298
<b>Greater than 500 ppm sulfur</b> .....	<b>2,597</b>	<b>460</b>	<b>5,425</b>	<b>54</b>	<b>643</b>	<b>9,179</b>
Refinery .....	227	431	1,752	54	338	2,802
Bulk Terminal .....	1,589	22	2,910	-	260	4,781
Pipeline .....	781	7	763	-	45	1,596
<b>Residual Fuel Oil</b> .....	<b>6,743</b>	<b>1,235</b>	<b>17,565</b>	<b>221</b>	<b>5,385</b>	<b>31,149</b>
Refinery .....	317	1,089	2,951	221	1,678	6,256
Bulk Terminal .....	6,426	146	14,614	-	3,707	24,893
Pipeline .....	-	-	-	-	-	-
<b>Less than 0.31% Sulfur</b> .....	<b>561</b>	<b>59</b>	<b>1,654</b>	<b>30</b>	<b>2,075</b>	<b>4,379</b>
Refinery .....	14	54	58	30	30	186
Bulk Terminal .....	547	5	1,596	-	2,045	4,193
<b>0.31% to 1.00% Sulfur</b> .....	<b>1,524</b>	<b>199</b>	<b>5,077</b>	<b>4</b>	<b>513</b>	<b>7,317</b>
Refinery .....	67	195	512	4	130	908
Bulk Terminal .....	1,457	4	4,565	-	383	6,409
<b>Greater than 1.00% Percent Sulfur</b> .....	<b>4,658</b>	<b>977</b>	<b>10,834</b>	<b>187</b>	<b>2,797</b>	<b>19,453</b>
Refinery .....	236	840	2,381	187	1,518	5,162
Bulk Terminal .....	4,422	137	8,453	-	1,279	14,291
<b>Petrochemical Feedstocks</b> .....	-	<b>516</b>	<b>2,380</b>	-	<b>2</b>	<b>2,898</b>
Refinery .....	-	516	2,380	-	2	2,898
Naphtha for Petrochemical Feedstock Use .....	-	426	1,847	-	2	2,275
Other Oils for Petrochemical Feedstock Use .....	-	90	533	-	-	623
<b>Special Naphthas</b> .....	<b>38</b>	<b>163</b>	<b>757</b>	-	<b>60</b>	<b>1,018</b>
Refinery .....	25	85	749	-	60	919
Bulk Terminal .....	13	78	8	-	-	99
<b>Lubricants</b> .....	<b>1,054</b>	<b>608</b>	<b>7,173</b>	-	<b>852</b>	<b>9,687</b>
Refinery .....	584	168	4,295	-	669	5,716
Bulk Terminal .....	470	440	2,878	-	183	3,971
<b>Waxes</b> .....	<b>226</b>	<b>43</b>	<b>233</b>	-	-	<b>502</b>
Refinery .....	226	43	233	-	-	502
<b>Petroleum Coke</b> .....	-	<b>1,695</b>	<b>3,645</b>	<b>238</b>	<b>1,006</b>	<b>6,584</b>
Refinery .....	-	1,695	3,645	238	1,006	6,584
<b>Asphalt and Road Oil</b> .....	<b>6,836</b>	<b>13,204</b>	<b>5,752</b>	<b>1,808</b>	<b>2,447</b>	<b>30,047</b>
Refinery .....	517	4,726	2,288	705	704	8,940
Bulk Terminal .....	6,319	8,478	3,464	1,103	1,743	21,107

**Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, June 2021**  
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
<b>Miscellaneous Products</b> .....	<b>46</b>	<b>93</b>	<b>405</b>	<b>14</b>	<b>82</b>	<b>640</b>
Refinery .....	44	93	405	14	82	638
Bulk Terminal .....	2	—	—	—	—	2
Pipeline .....	—	—	—	—	—	—
<b>Total Stocks, All Oils</b> .....	<b>167,570</b>	<b>298,003</b>	<b>1,240,998</b>	<b>47,809</b>	<b>138,423</b>	<b>1,892,803</b>

-- = Not Applicable.

- = No Data Reported.

Lease stocks were excluded from crude oil stocks beginning with data for July 2016 (see explanatory notes).

<sup>1</sup> Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

<sup>2</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix

D. Includes stocks held at biofuel production facilities.

<sup>3</sup> Includes stocks held by merchant producers.

<sup>4</sup> Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

<sup>5</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

**Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, June 2021**  
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components <sup>1</sup>			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
<b>PAD District 1</b>	<b>6</b>	<b>1,068</b>	<b>1,074</b>	<b>16,564</b>	<b>36,275</b>	<b>52,839</b>	<b>1,385</b>
Connecticut	—	—	—	1,121	16	1,137	31
Delaware	—	—	—	591	567	1,158	46
District of Columbia	—	—	—	—	—	—	—
Florida	—	670	670	—	6,024	6,024	—
Georgia	—	100	100	—	3,029	3,029	—
Maine	—	—	—	342	268	610	144
Maryland	—	—	—	1,868	98	1,966	68
Massachusetts	5	—	5	1,805	—	1,805	44
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	41	41	6,705	13,315	20,020	269
New York	1	—	1	1,000	2,342	3,342	486
North Carolina	—	113	113	—	2,909	2,909	170
Pennsylvania	—	—	—	727	4,651	5,378	91
Rhode Island	—	—	—	775	10	785	—
South Carolina	—	111	111	—	1,345	1,345	7
Vermont	—	—	—	—	24	24	5
Virginia	—	8	8	1,630	1,451	3,081	24
West Virginia	—	25	25	—	226	226	—
<b>PAD District 2</b>	<b>—</b>	<b>1,855</b>	<b>1,855</b>	<b>4,383</b>	<b>31,396</b>	<b>35,779</b>	<b>70</b>
Illinois	—	44	44	2,173	4,266	6,439	44
Indiana	—	81	81	924	4,153	5,077	—
Iowa	—	50	50	—	1,494	1,494	—
Kansas	—	196	196	—	2,988	2,988	9
Kentucky	—	83	83	473	1,287	1,760	—
Michigan	—	8	8	64	2,942	3,006	—
Minnesota	—	359	359	0	2,066	2,066	—
Missouri	—	109	109	220	741	961	—
Nebraska	—	18	18	—	581	581	—
North Dakota	—	23	23	—	692	692	—
Ohio	—	511	511	—	3,981	3,981	7
Oklahoma	—	208	208	—	2,613	2,613	—
South Dakota	—	17	17	—	229	229	—
Tennessee	—	57	57	—	2,110	2,110	—
Wisconsin	—	91	91	529	1,253	1,782	10
<b>PAD District 3</b>	<b>—</b>	<b>6,428</b>	<b>6,428</b>	<b>6,622</b>	<b>50,363</b>	<b>56,985</b>	<b>155</b>
Alabama	—	129	129	10	1,684	1,694	5
Arkansas	—	88	88	51	1,135	1,186	—
Louisiana	—	1,391	1,391	442	11,232	11,674	71
Mississippi	—	999	999	21	1,843	1,864	—
New Mexico	—	26	26	7	504	511	—
Texas	—	3,795	3,795	6,091	33,965	40,056	79
<b>PAD District 4</b>	<b>—</b>	<b>1,123</b>	<b>1,123</b>	<b>—</b>	<b>3,914</b>	<b>3,914</b>	<b>1</b>
Colorado	—	161	161	—	867	867	—
Idaho	—	204	204	—	145	145	—
Montana	—	313	313	—	1,032	1,032	—
Utah	—	86	86	—	1,148	1,148	1
Wyoming	—	359	359	—	722	722	—
<b>PAD District 5</b>	<b>16</b>	<b>2,017</b>	<b>2,033</b>	<b>11,893</b>	<b>12,500</b>	<b>24,393</b>	<b>8</b>
Alaska	—	459	459	—	216	216	5
Arizona	—	81	81	889	411	1,300	—
California	16	273	289	10,805	6,389	17,194	3
Hawaii	—	343	343	—	631	631	—
Nevada	—	61	61	6	260	266	—
Oregon	—	78	78	—	1,108	1,108	—
Washington	—	722	722	193	3,485	3,678	—
<b>U.S. Total</b>	<b>22</b>	<b>12,491</b>	<b>12,513</b>	<b>39,463</b>	<b>134,448</b>	<b>173,911</b>	<b>1,619</b>

See footnotes at end of table.

**Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, June 2021**  
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil <sup>1</sup>				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
<b>PAD District 1</b>	<b>30,218</b>	<b>1,004</b>	<b>1,816</b>	<b>33,038</b>	<b>6,743</b>	<b>4,029</b>
Connecticut	2,306	—	—	2,306	19	—
Delaware	706	34	66	806	752	6
District of Columbia	—	—	—	—	—	—
Florida	2,338	186	—	2,524	1,348	152
Georgia	1,483	—	—	1,483	207	7
Maine	1,759	1	15	1,775	40	—
Maryland	1,215	—	—	1,215	406	2
Massachusetts	1,461	32	37	1,530	112	—
New Hampshire	366	—	—	366	16	260
New Jersey	8,105	465	908	9,478	3,235	65
New York	3,093	—	139	3,232	207	1,289
North Carolina	1,049	—	—	1,049	—	149
Pennsylvania	2,904	—	116	3,020	230	1,579
Rhode Island	1,200	—	—	1,200	—	—
South Carolina	831	—	—	831	75	272
Vermont	22	—	—	22	—	—
Virginia	1,272	254	535	2,061	96	—
West Virginia	108	32	—	140	—	88
<b>PAD District 2</b>	<b>23,628</b>	<b>232</b>	<b>453</b>	<b>24,313</b>	<b>1,235</b>	<b>11,474</b>
Illinois	3,327	—	6	3,333	421	866
Indiana	3,389	—	51	3,440	61	287
Iowa	2,600	1	—	2,601	1	226
Kansas	2,197	—	—	2,197	42	5,081
Kentucky	805	21	—	826	—	270
Michigan	1,404	84	—	1,488	123	3,580
Minnesota	1,471	—	83	1,554	297	253
Missouri	600	46	5	651	—	150
Nebraska	533	—	—	533	—	73
North Dakota	998	1	—	999	32	40
Ohio	1,912	23	89	2,024	117	503
Oklahoma	2,089	56	219	2,364	62	90
South Dakota	507	—	—	507	—	21
Tennessee	920	—	—	920	72	2
Wisconsin	875	—	—	875	7	32
<b>PAD District 3</b>	<b>29,981</b>	<b>1,516</b>	<b>4,662</b>	<b>36,159</b>	<b>17,565</b>	<b>22,870</b>
Alabama	879	7	34	920	319	12
Arkansas	845	—	—	845	—	54
Louisiana	4,441	652	1,239	6,332	8,955	1,582
Mississippi	1,000	405	145	1,550	377	2,525
New Mexico	276	—	—	276	69	3
Texas	22,540	452	3,244	26,236	7,845	18,694
<b>PAD District 4</b>	<b>2,394</b>	<b>150</b>	<b>54</b>	<b>2,598</b>	<b>221</b>	<b>602</b>
Colorado	458	—	—	458	3	19
Idaho	240	—	—	240	—	—
Montana	851	79	—	930	78	14
Utah	464	12	54	530	67	505
Wyoming	381	59	—	440	73	64
<b>PAD District 5</b>	<b>10,935</b>	<b>271</b>	<b>598</b>	<b>11,804</b>	<b>5,385</b>	<b>1,405</b>
Alaska	1,038	—	45	1,083	87	3
Arizona	932	—	—	932	—	845
California	5,676	270	245	6,191	3,766	304
Hawaii	269	1	304	574	433	79
Nevada	354	—	4	358	—	—
Oregon	895	—	—	895	145	—
Washington	1,771	—	—	1,771	954	174
<b>U.S. Total</b>	<b>97,156</b>	<b>3,173</b>	<b>7,583</b>	<b>107,912</b>	<b>31,149</b>	<b>40,380</b>

— = No Data Reported.

<sup>1</sup> Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D. Includes stocks held at biofuel production facilities.  
Note: Totals may not equal sum of components due to independent rounding.  
Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene."

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, June 2021**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
<b>Crude Oil</b> .....	<b>317</b>	<b>126</b>	<b>0</b>	<b>1,702</b>	<b>47,986</b>	<b>7,476</b>	<b>3,106</b>	<b>1,021</b>	<b>20,626</b>
<b>Petroleum Products</b> .....	<b>17,053</b>	<b>89</b>	<b>6</b>	<b>21,111</b>	<b>44,974</b>	<b>13,253</b>	<b>5,656</b>	<b>104,317</b>	<b>22,624</b>
Natural Gas Liquids .....	7,107	74	0	7,345	33,321	8,921	412	865	6,282
Ethane .....	5,008	0	—	0	14,672	2,294	—	0	582
Propane .....	1,161	4	0	5,547	9,997	3,442	237	865	475
Normal Butane .....	196	39	0	1,630	3,941	1,439	160	0	162
Isobutane .....	434	31	0	168	1,786	511	15	0	697
Natural Gasoline .....	308	0	—	0	2,925	1,235	—	0	4,366
Refinery Olefins .....	0	0	—	383	458	—	—	0	0
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	0	0	—	383	458	—	—	0	0
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	41	0	—	0	976	—	—	40	693
Motor Gasoline Blending Components .....	6,792	0	0	1,262	1,768	2,204	0	62,294	8,000
Reformulated - RBOB .....	0	0	0	0	0	—	0	9,908	5,014
Conventional .....	6,792	0	0	1,262	1,768	2,204	0	52,386	2,986
CBOB .....	6,792	0	0	1,262	1,474	2,204	0	52,386	2,808
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	0	0	—	—	294	—	—	—	178
Renewable Fuels .....	15	0	6	9,547	5,633	576	4,911	457	0
Fuel Ethanol .....	0	0	0	9,441	5,336	540	4,494	457	0
Renewable Diesel Fuel <sup>2</sup> .....	15	0	6	107	297	36	417	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	129	0	0	753	33	103	0	2,522	966
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	129	0	0	753	33	103	0	2,522	966
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	129	0	0	753	33	103	0	2,522	966
Finished Aviation Gasoline .....	0	0	—	0	0	—	—	48	47
Kerosene-Type Jet Fuel .....	352	0	0	86	60	484	0	11,445	1,487
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	2,612	0	0	920	823	942	0	25,450	4,504
15 ppm sulfur and under .....	2,612	0	0	920	823	942	0	24,433	4,404
Greater than 15 ppm to 500 ppm sulfur .....	0	0	—	0	0	—	—	1	100
Greater than 500 ppm sulfur .....	—	0	—	0	0	—	—	1,016	—
Residual Fuel Oil .....	0	0	—	—	756	—	—	—	0
Petrochemical Feedstocks .....	0	0	—	0	97	—	—	29	46
Naphtha for Petrochemical Feedstock Use .....	0	0	—	0	97	—	—	29	46
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	0	0	—	—	0	—	—	—	50
Lubricants .....	0	0	—	0	0	—	—	703	255
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	15	0	23	829	23	36	55	16
Asphalt and Road Oil .....	5	0	0	792	219	0	296	410	275
Miscellaneous Products .....	0	0	—	—	0	—	—	—	3
<b>Total</b> .....	<b>17,370</b>	<b>215</b>	<b>6</b>	<b>22,813</b>	<b>92,959</b>	<b>20,729</b>	<b>8,761</b>	<b>105,338</b>	<b>43,250</b>

See footnotes at end of table.

**Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail <sup>1</sup> Between PAD Districts, June 2021**  
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
<b>Crude Oil</b> .....	<b>0</b>	<b>31</b>	<b>0</b>	<b>24,251</b>	<b>653</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>5</b>	<b>5,662</b>	<b>0</b>	<b>16,523</b>	<b>3,249</b>	<b>1,690</b>	<b>3</b>	<b>34</b>	<b>26</b>
Natural Gas Liquids .....	0	11	0	15,208	3,043	73	0	0	0
Ethane .....	0	—	0	4,691	1,452	—	0	0	0
Propane .....	0	0	0	5,417	707	46	0	0	0
Normal Butane .....	0	4	0	1,787	257	14	0	0	0
Isobutane .....	0	7	0	1,332	212	13	0	0	0
Natural Gasoline .....	0	—	0	1,981	415	—	0	0	0
Refinery Olefins .....	—	—	0	0	0	—	0	0	—
Ethylene .....	—	—	—	—	—	—	—	—	—
Propylene .....	—	—	0	0	0	—	0	0	—
Normal Butylene .....	—	—	—	—	—	—	—	—	—
Isobutylene .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components .....	0	3,580	0	201	0	800	0	0	0
Reformulated - RBOB .....	—	1,876	0	0	0	0	0	0	—
Conventional .....	0	1,704	0	201	0	800	0	0	0
CBOB .....	0	1,704	0	201	0	800	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	0	0	—	—	0	—
Renewable Fuels .....	0	743	0	0	0	7	0	0	0
Fuel Ethanol .....	0	599	0	0	0	7	0	0	0
Renewable Diesel Fuel <sup>2</sup> .....	0	144	0	0	0	0	0	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	0	0	0	391	0	142	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	0	0	0	391	0	142	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	0	0	0	391	0	142	0	0	0
Finished Aviation Gasoline .....	—	—	0	0	0	—	0	0	—
Kerosene-Type Jet Fuel .....	0	209	0	12	0	48	0	0	0
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	0	1,025	0	426	0	318	0	0	0
15 ppm sulfur and under .....	0	1,025	0	426	0	318	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	0	0	0	—	0	0	—
Greater than 500 ppm sulfur .....	—	—	0	—	0	—	0	0	—
Residual Fuel Oil .....	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks .....	—	—	0	0	0	—	0	0	—
Naphtha for Petrochemical Feedstock Use .....	—	—	0	0	0	—	0	0	—
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	—	—	—	0	0	—	—	0	—
Lubricants .....	—	—	0	0	0	—	0	0	—
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	0	0	0	147	69	102	3	34	0
Asphalt and Road Oil .....	5	95	0	138	138	200	0	0	26
Miscellaneous Products .....	—	—	—	0	0	—	—	0	—
<b>Total</b> .....	<b>5</b>	<b>5,694</b>	<b>0</b>	<b>40,774</b>	<b>3,902</b>	<b>1,690</b>	<b>3</b>	<b>34</b>	<b>26</b>

— = No Data Reported.

<sup>1</sup> Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, June 2021**  
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
<b>Crude Oil</b> .....	<b>134</b>	<b>23</b>	<b>115</b>	<b>47,479</b>	<b>7,476</b>	<b>114</b>	<b>20,626</b>	<b>0</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>16,653</b>	<b>0</b>	<b>8,016</b>	<b>34,765</b>	<b>12,654</b>	<b>78,454</b>	<b>20,616</b>	<b>0</b>	<b>4,814</b>
Natural Gas Liquids .....	6,900	0	5,924	32,535	8,921	756	6,101	0	-
Ethane .....	5,008	0	0	14,672	2,294	0	582	0	-
Propane .....	1,099	0	4,545	9,595	3,442	756	467	0	-
Normal Butane .....	143	0	1,379	3,669	1,439	0	162	0	-
Isobutane .....	342	0	0	1,674	511	0	524	0	-
Natural Gasoline .....	308	0	0	2,925	1,235	0	4,366	0	-
Motor Gasoline Blending Components .....	6,746	0	676	1,378	2,204	46,482	7,895	0	3,580
Reformulated - RBOB .....	0	0	0	0	-	9,908	5,014	-	1,876
Conventional .....	6,746	0	676	1,378	2,204	36,574	2,881	0	1,704
CBOB .....	6,746	0	676	1,378	2,204	36,574	2,756	0	1,704
GTAB .....	-	-	-	-	-	-	-	-	-
Other .....	0	0	-	0	-	-	125	-	-
Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel <sup>1</sup> .....	-	-	-	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline .....	129	0	652	0	103	1,295	924	0	0
Reformulated .....	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-	-	-	-
Conventional .....	129	0	652	0	103	1,295	924	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-	-	-	-
Conventional Other .....	129	0	652	0	103	1,295	924	0	0
Finished Aviation Gasoline .....	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	352	0	86	60	484	8,879	1,487	0	209
Kerosene .....	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil .....	2,526	0	678	792	942	21,042	4,209	0	1,025
15 ppm sulfur and under .....	2,526	0	678	792	942	20,025	4,109	0	1,025
Greater than 15 ppm to 500 ppm sulfur .....	0	0	0	0	-	1	100	-	-
Greater than 500 ppm sulfur .....	-	0	0	0	-	1,016	-	-	-
Residual Fuel Oil .....	-	-	-	-	-	-	-	-	-
Miscellaneous Products .....	-	-	-	-	-	-	-	-	-
<b>Total</b> .....	<b>16,787</b>	<b>23</b>	<b>8,131</b>	<b>82,244</b>	<b>20,130</b>	<b>78,568</b>	<b>41,242</b>	<b>0</b>	<b>4,814</b>

See footnotes at end of table.

**Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, June 2021**  
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
<b>Crude Oil</b> .....	<b>0</b>	<b>24,251</b>	<b>284</b>	<b>-</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>0</b>	<b>16,238</b>	<b>3,043</b>	<b>1,308</b>	<b>0</b>	<b>0</b>
Natural Gas Liquids .....	0	15,208	3,043	-	0	0
Ethane .....	0	4,691	1,452	-	0	0
Propane .....	0	5,417	707	-	0	0
Normal Butane .....	0	1,787	257	-	0	0
Isobutane .....	0	1,332	212	-	0	0
Natural Gasoline .....	0	1,981	415	-	0	0
Motor Gasoline Blending Components .....	0	201	0	800	0	0
Reformulated - RBOB .....	0	0	0	0	0	-
Conventional .....	0	201	0	800	0	0
CBOB .....	0	201	0	800	0	0
GTAB .....	-	-	-	-	-	-
Other .....	-	0	0	-	0	-
Renewable Fuels .....	-	-	-	-	-	-
Fuel Ethanol .....	-	-	-	-	-	-
Renewable Diesel Fuel <sup>1</sup> .....	-	-	-	-	-	-
Other Renewable Fuels .....	-	-	-	-	-	-
Finished Motor Gasoline .....	0	391	0	142	0	0
Reformulated .....	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	0	391	0	142	0	0
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-
Conventional Other .....	0	391	0	142	0	0
Finished Aviation Gasoline .....	-	-	-	-	-	-
Kerosene-Type Jet Fuel .....	0	12	0	48	0	0
Kerosene .....	-	-	-	-	-	-
Distillate Fuel Oil .....	0	426	0	318	0	0
15 ppm sulfur and under .....	0	426	0	318	0	0
Greater than 15 ppm to 500 ppm sulfur .....	0	0	0	-	0	-
Greater than 500 ppm sulfur .....	0	-	0	-	0	-
Residual Fuel Oil .....	-	-	-	-	-	-
Miscellaneous Products .....	-	-	-	-	-	-
<b>Total</b> .....	<b>0</b>	<b>40,489</b>	<b>3,327</b>	<b>1,308</b>	<b>0</b>	<b>0</b>

-- = Not Applicable.

- = No Data Reported.

<sup>1</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

**Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, June 2021**  
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
<b>Crude Oil</b> .....	<b>183</b>	<b>103</b>	<b>-</b>	<b>136</b>	<b>450</b>	<b>-</b>
<b>Petroleum Products</b> .....	<b>173</b>	<b>0</b>	<b>0</b>	<b>1,371</b>	<b>2,794</b>	<b>0</b>
Natural Gas Liquids .....	-	0	-	0	0	-
Ethane .....	-	-	-	-	-	-
Propane .....	-	0	-	0	0	-
Normal Butane .....	-	-	-	-	-	-
Isobutane .....	-	-	-	-	-	-
Natural Gasoline .....	-	-	-	-	-	-
Unfinished Oils .....	41	0	-	0	976	-
Motor Gasoline Blending Components .....	46	0	-	586	390	-
Reformulated - RBOB .....	-	-	-	-	-	-
Conventional .....	46	0	-	586	390	-
CBOB .....	46	0	-	586	96	-
GTAB .....	-	-	-	-	-	-
Other .....	0	0	-	-	294	-
Renewable Fuels .....	0	0	0	338	493	0
Fuel Ethanol .....	0	0	-	338	473	-
Renewable Diesel Fuel <sup>1</sup> .....	0	0	0	-	20	0
Other Renewable Fuels .....	-	-	-	-	-	-
Finished Motor Gasoline .....	0	0	-	101	33	-
Reformulated .....	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	-	-	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	0	0	-	101	33	-
Conventional Blended with Fuel Ethanol .....	-	-	-	-	-	-
Ed55 and Lower .....	-	-	-	-	-	-
Greater than Ed55 .....	-	-	-	-	-	-
Conventional Other .....	0	0	-	101	33	-
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	-	0	-	0	0	-
Kerosene .....	-	-	-	-	-	-
Distillate Fuel Oil .....	86	0	-	242	31	-
15 ppm sulfur and under .....	86	0	-	242	31	-
Greater than 15 ppm to 500 ppm sulfur .....	-	-	-	-	-	-
Greater than 500 ppm sulfur .....	-	-	-	-	-	-
Residual Fuel Oil .....	0	0	-	-	756	-
Less than 0.31 percent sulfur .....	-	-	-	-	-	-
0.31 to 1.00 percent sulfur .....	0	0	-	-	227	-
Greater than 1.00 percent sulfur .....	0	0	-	-	529	-
Petrochemical Feedstocks .....	0	0	-	0	97	-
Naphtha for Petrochemical Feedstock Use .....	0	0	-	0	97	-
Other Oils for Petrochemical Feedstock Use .....	-	-	-	-	-	-
Special Naphthas .....	0	0	-	-	0	-
Lubricants .....	0	0	-	0	0	-
Waxes .....	-	-	-	-	-	-
Marketable Petroleum Coke .....	-	-	-	-	-	-
Asphalt and Road Oil .....	0	0	-	104	18	-
Miscellaneous Products .....	0	0	-	-	0	-
<b>Total</b> .....	<b>356</b>	<b>103</b>	<b>0</b>	<b>1,507</b>	<b>3,244</b>	<b>0</b>

See footnotes at end of table.

**Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, June 2021**  
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
<b>Crude Oil</b> .....	<b>907</b>	—	<b>907</b>	—	<b>0</b>	—	<b>0</b>	<b>0</b>	<b>0</b>
<b>Petroleum Products</b> .....	<b>25,610</b>	—	<b>457</b>	<b>25,153</b>	<b>1,726</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>0</b>
Natural Gas Liquids .....	30	—	—	30	—	—	0	—	0
Ethane .....	—	—	—	—	—	—	—	—	—
Propane .....	30	—	—	30	—	—	0	—	0
Normal Butane .....	—	—	—	—	—	—	—	—	—
Isobutane .....	—	—	—	—	—	—	—	—	—
Natural Gasoline .....	—	—	—	—	—	—	—	—	—
Unfinished Oils .....	40	—	40	—	693	—	0	0	0
Motor Gasoline Blending Components .....	15,812	—	—	15,812	105	—	0	0	0
Reformulated - RBOB .....	—	—	—	—	—	—	—	—	—
Conventional .....	15,812	—	—	15,812	105	—	0	0	0
CBOB .....	15,812	—	—	15,812	52	—	0	0	0
GTAB .....	—	—	—	—	—	—	—	—	—
Other .....	—	—	—	—	53	—	—	0	0
Renewable Fuels .....	457	—	—	457	0	46	0	0	0
Fuel Ethanol .....	457	—	—	457	0	—	0	0	0
Renewable Diesel Fuel <sup>1</sup> .....	—	—	—	—	0	46	—	0	0
Other Renewable Fuels .....	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline .....	1,227	—	—	1,227	42	—	0	0	0
Reformulated .....	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Reformulated Other .....	—	—	—	—	—	—	—	—	—
Conventional .....	1,227	—	—	1,227	42	—	0	0	0
Conventional Blended with Fuel Ethanol .....	—	—	—	—	—	—	—	—	—
Ed55 and Lower .....	—	—	—	—	—	—	—	—	—
Greater than Ed55 .....	—	—	—	—	—	—	—	—	—
Conventional Other .....	1,227	—	—	1,227	42	—	0	0	0
Finished Aviation Gasoline .....	48	—	—	48	47	—	0	0	0
Kerosene-Type Jet Fuel .....	2,566	—	—	2,566	—	—	0	—	0
Kerosene .....	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil .....	4,408	—	—	4,408	295	—	0	0	0
15 ppm sulfur and under .....	4,408	—	—	4,408	295	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur .....	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur .....	—	—	—	—	—	—	—	—	—
Residual Fuel Oil .....	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur .....	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur .....	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur .....	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks .....	29	—	—	29	46	—	0	0	0
Naphtha for Petrochemical Feedstock Use .....	29	—	—	29	46	—	0	0	0
Other Oils for Petrochemical Feedstock Use .....	—	—	—	—	—	—	—	—	—
Special Naphthas .....	—	—	—	—	50	—	—	0	0
Lubricants .....	703	—	417	286	255	—	0	0	0
Waxes .....	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke .....	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil .....	290	—	—	290	190	—	0	0	0
Miscellaneous Products .....	—	—	—	—	3	—	—	0	0
<b>Total</b> .....	<b>26,517</b>	—	<b>1,364</b>	<b>25,153</b>	<b>1,726</b>	<b>46</b>	<b>0</b>	<b>0</b>	<b>0</b>

— = No Data Reported.

<sup>1</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

**Table 60. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, June 2021**  
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil .....	0	0	0	0	1,451	57	0	3,106
Propane .....	62	4	0	0	1,002	402	0	237
Propylene .....	0	0	-	-	383	458	-	-
Normal Butane .....	53	39	0	0	251	272	0	160
Isobutane .....	92	31	0	0	168	112	0	15
Fuel Ethanol .....	0	0	0	0	9,103	4,863	540	4,494
Biodiesel .....	15	0	0	6	107	277	36	417
Marketable Petroleum Coke .....	0	15	0	0	23	829	23	36
Asphalt and Road Oil .....	5	0	0	0	688	201	0	296

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil .....	0	0	0	31	0	0	369	0
Propane .....	79	8	0	0	0	0	0	46
Propylene .....	0	0	-	-	0	0	0	-
Normal Butane .....	0	0	0	4	0	0	0	14
Isobutane .....	0	173	0	7	0	0	0	13
Fuel Ethanol .....	0	0	0	599	0	0	0	7
Biodiesel .....	0	0	0	98	0	0	0	0
Marketable Petroleum Coke .....	55	16	0	0	0	147	69	102
Asphalt and Road Oil .....	120	85	5	95	0	138	138	200

Commodity	From 5 to			
	1	2	3	4
Crude Oil .....	0	0	0	0
Propane .....	0	0	0	0
Propylene .....	0	0	0	-
Normal Butane .....	0	0	0	0
Isobutane .....	0	0	0	0
Fuel Ethanol .....	0	0	0	0
Biodiesel .....	0	0	0	0
Marketable Petroleum Coke .....	3	25	34	0
Asphalt and Road Oil .....	0	0	0	26

- = No Data Reported.

Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 61. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, June 2021**  
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
<b>From 1 to</b>				
2 .....	134	183	0	317
3 .....	23	103	0	126
4 .....	0	-	0	0
5 .....	-	-	0	0
<b>From 2 to</b>				
1 .....	115	136	1,451	1,702
3 .....	47,479	450	57	47,986
4 .....	7,476	-	0	7,476
5 .....	-	-	3,106	3,106
<b>From 3 to</b>				
1 .....	114	907	0	1,021
2 .....	20,626	0	0	20,626
4 .....	0	-	0	0
5 .....	-	-	31	31
<b>From 4 to</b>				
1 .....	0	0	0	0
2 .....	24,251	0	0	24,251
3 .....	284	0	369	653
5 .....	-	-	0	0
<b>From 5 to</b>				
1 .....	0	0	0	0
2 .....	0	0	0	0
3 .....	0	0	0	0
4 .....	0	-	0	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

**Table 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail <sup>1</sup> Between PAD Districts, June 2021**  
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b>	<b>2,723</b>	<b>443</b>	<b>2,280</b>	<b>45,194</b>	<b>60,269</b>	<b>-15,075</b>	<b>48,765</b>	<b>21,678</b>	<b>27,086</b>
<b>Petroleum Products</b>	<b>125,432</b>	<b>17,148</b>	<b>108,284</b>	<b>56,224</b>	<b>84,994</b>	<b>-28,770</b>	<b>48,346</b>	<b>132,608</b>	<b>-84,262</b>
Natural Gas Liquids	8,210	7,181	1,029	28,597	49,999	-21,402	36,438	7,158	29,280
Ethane	0	5,008	-5,008	10,281	16,966	-6,685	16,124	582	15,542
Propane	6,412	1,165	5,247	7,053	19,223	-12,170	10,708	1,340	9,368
Normal Butane	1,630	235	1,395	2,145	7,170	-5,025	4,237	166	4,071
Isobutane	168	465	-297	2,463	2,480	-17	2,029	704	1,325
Natural Gasoline	0	308	-308	6,655	4,160	2,495	3,340	4,366	-1,026
Refinery Olefins	383	0	383	0	841	-841	458	0	458
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	383	0	383	0	841	-841	458	0	458
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	40	41	-1	734	976	-242	976	733	243
Motor Gasoline Blending Components	63,556	6,792	56,764	14,993	5,234	9,759	1,768	73,874	-72,106
Reformulated - RBOB	9,908	0	9,908	5,014	0	5,014	0	16,798	-16,798
Conventional	53,648	6,792	46,856	9,979	5,234	4,745	1,768	57,076	-55,308
CBOB	53,648	6,792	46,856	9,801	4,940	4,861	1,474	56,898	-55,424
GTAB	0	0	-	-	-	-	-	-	-
Other	0	0	-	178	294	-116	294	178	116
Renewable Fuels	10,004	21	9,984	15	20,668	-20,653	5,633	1,200	4,434
Fuel Ethanol	9,898	0	9,898	0	19,810	-19,810	5,336	1,056	4,280
Renewable Diesel Fuel <sup>2</sup>	107	21	86	15	857	-843	297	144	153
Other Renewable Fuels	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	3,275	129	3,146	1,486	889	597	33	3,488	-3,455
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	3,275	129	3,146	1,486	889	597	33	3,488	-3,455
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	3,275	129	3,146	1,486	889	597	33	3,488	-3,455
Finished Aviation Gasoline	48	0	48	47	0	47	0	95	-95
Kerosene-Type Jet Fuel	11,531	352	11,179	1,851	630	1,221	60	13,141	-13,081
Kerosene	0	0	-	0	0	-	0	0	-
Distillate Fuel Oil	26,370	2,612	23,758	7,542	2,685	4,857	823	30,979	-30,156
15 ppm sulfur and under	25,353	2,612	22,741	7,442	2,685	4,757	823	29,862	-29,039
Greater than 15 ppm to 500 ppm sulfur	1	0	1	100	0	100	0	101	-101
Greater than 500 ppm sulfur	1,016	0	1,016	0	0	-	0	1,016	-1,016
Residual Fuel Oil	0	0	-	0	756	-756	756	0	756
Petrochemical Feedstocks	29	0	29	46	97	-51	97	75	22
Naphtha for Petrochemical Feedstock Use	29	0	29	46	97	-51	97	75	22
Other Oils for Petrochemical Feedstock Use	-	-	-	0	0	-	0	0	-
Special Naphthas	0	0	-	50	0	50	0	50	-50
Lubricants	703	0	703	255	0	255	0	958	-958
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	81	15	66	188	912	-724	948	71	877
Asphalt and Road Oil	1,201	5	1,196	417	1,307	-889	356	784	-427
Miscellaneous Products	0	0	-	3	0	3	0	3	-3
<b>Total</b>	<b>128,155</b>	<b>17,591</b>	<b>110,564</b>	<b>101,418</b>	<b>145,263</b>	<b>-43,845</b>	<b>97,111</b>	<b>154,287</b>	<b>-57,176</b>

See footnotes at end of table.

**Table 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail <sup>1</sup> Between PAD Districts, June 2021**  
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
<b>Crude Oil</b> .....	<b>7,476</b>	<b>24,904</b>	<b>-17,428</b>	<b>3,137</b>	<b>0</b>	<b>3,137</b>
<b>Petroleum Products</b> .....	<b>13,284</b>	<b>21,462</b>	<b>-8,178</b>	<b>13,014</b>	<b>88</b>	<b>12,926</b>
Natural Gas Liquids .....	8,921	18,324	-9,403	496	0	496
Ethane .....	2,294	6,143	-3,849	0	0	-
Propane .....	3,442	6,170	-2,728	283	0	283
Normal Butane .....	1,439	2,058	-619	178	0	178
Isobutane .....	511	1,557	-1,046	35	0	35
Natural Gasoline .....	1,235	2,396	-1,161	0	0	-
Refinery Olefins .....	0	0	-	0	0	-
Ethylene .....	-	-	-	-	-	-
Propylene .....	0	0	-	0	0	-
Normal Butylene .....	0	0	-	0	0	-
Isobutylene .....	0	0	-	0	0	-
Unfinished Oils .....	0	0	-	0	0	-
Motor Gasoline Blending Components .....	2,204	1,001	1,203	4,380	0	4,380
Reformulated - RBOB .....	-	-	-	1,876	0	1,876
Conventional .....	2,204	1,001	1,203	2,504	0	2,504
CBOB .....	2,204	1,001	1,203	2,504	0	2,504
GTAB .....	-	-	-	0	0	-
Other .....	0	0	-	0	0	-
Renewable Fuels .....	576	7	569	5,667	0	5,667
Fuel Ethanol .....	540	7	533	5,099	0	5,099
Renewable Diesel Fuel <sup>2</sup> .....	36	0	36	567	0	567
Other Renewable Fuels .....	-	-	-	0	0	-
Finished Motor Gasoline .....	103	533	-430	142	0	142
Reformulated .....	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol .....	-	-	-	0	0	-
Reformulated Other .....	-	-	-	-	-	-
Conventional .....	103	533	-430	142	0	142
Conventional Blended with Fuel Ethanol .....	0	0	-	0	0	-
Ed55 and Lower .....	0	0	-	0	0	-
Greater than Ed55 .....	0	0	-	0	0	-
Conventional Other .....	103	533	-430	142	0	142
Finished Aviation Gasoline .....	0	0	-	0	0	-
Kerosene-Type Jet Fuel .....	484	60	424	257	0	257
Kerosene .....	0	0	-	0	0	-
Distillate Fuel Oil .....	942	744	198	1,343	0	1,343
15 ppm sulfur and under .....	942	744	198	1,343	0	1,343
Greater than 15 ppm to 500 ppm sulfur .....	0	0	-	0	0	-
Greater than 500 ppm sulfur .....	0	0	-	0	0	-
Residual Fuel Oil .....	0	0	-	0	0	-
Petrochemical Feedstocks .....	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use .....	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use .....	-	-	-	-	-	-
Special Naphthas .....	-	-	-	0	0	-
Lubricants .....	0	0	-	0	0	-
Waxes .....	-	-	-	0	0	-
Marketable Petroleum Coke .....	23	318	-295	139	62	76
Asphalt and Road Oil .....	31	475	-444	591	26	565
Miscellaneous Products .....	0	0	-	0	0	-
<b>Total</b> .....	<b>20,760</b>	<b>46,365</b>	<b>-25,605</b>	<b>16,151</b>	<b>88</b>	<b>16,063</b>

- = No Data Reported.

<sup>1</sup> Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

<sup>2</sup> Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

## Appendix A

# District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

### **PAD District I**

**East Coast:** The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

**Appalachian No. 1:** The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

### **Sub-PAD District I**

**New England:** The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

**Central Atlantic:** The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

**Lower Atlantic:** The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

### **PAD District II**

**Indiana-Illinois-Kentucky:** The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

**Minnesota-Wisconsin-North and South Dakota:** The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

**Oklahoma-Kansas-Missouri:** The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

### **PAD District III**

**Texas Inland:** The State of Texas except the Texas Gulf Coast District.

**Texas Gulf Coast:** The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

**Louisiana Gulf Coast:** The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

**North Louisiana-Arkansas:** The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

**New Mexico:** The State of New Mexico.

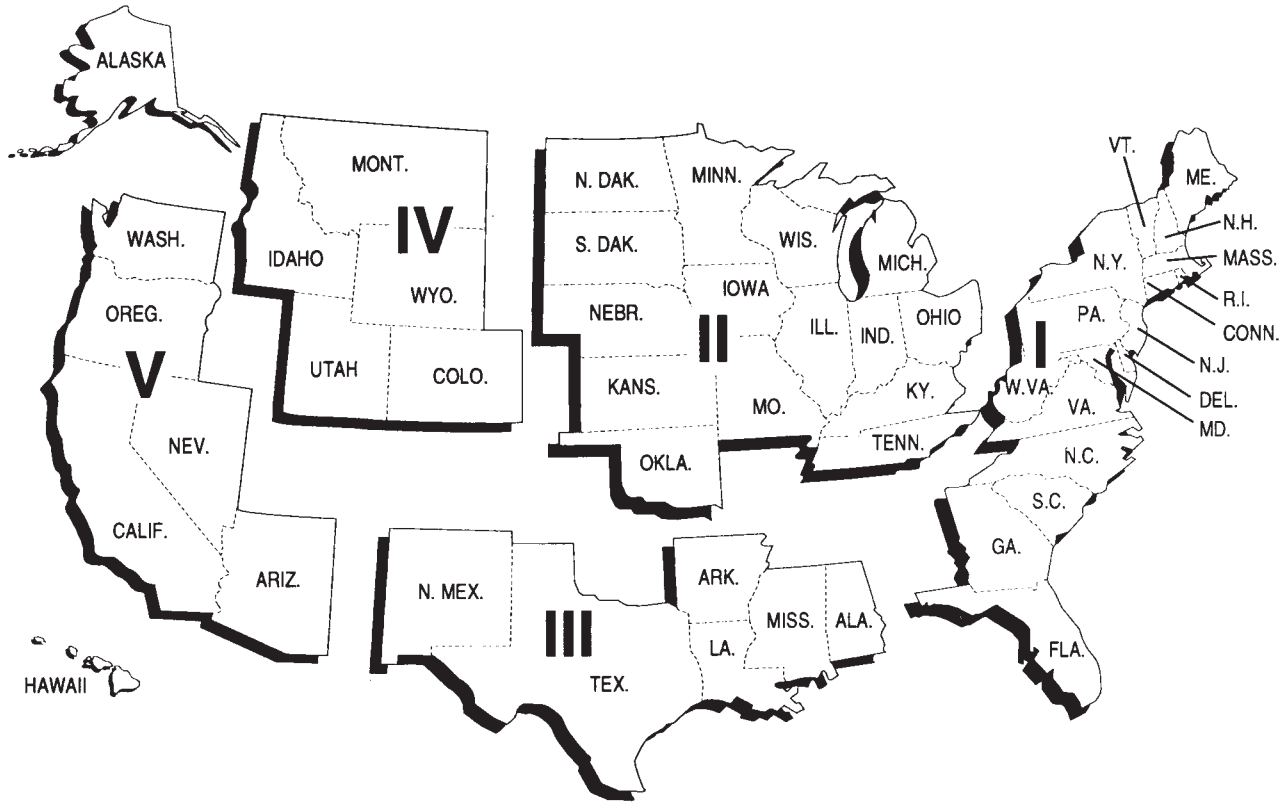
### **PAD District IV**

**Rocky Mountain:** The States of Montana, Idaho, Wyoming, Utah, and Colorado.

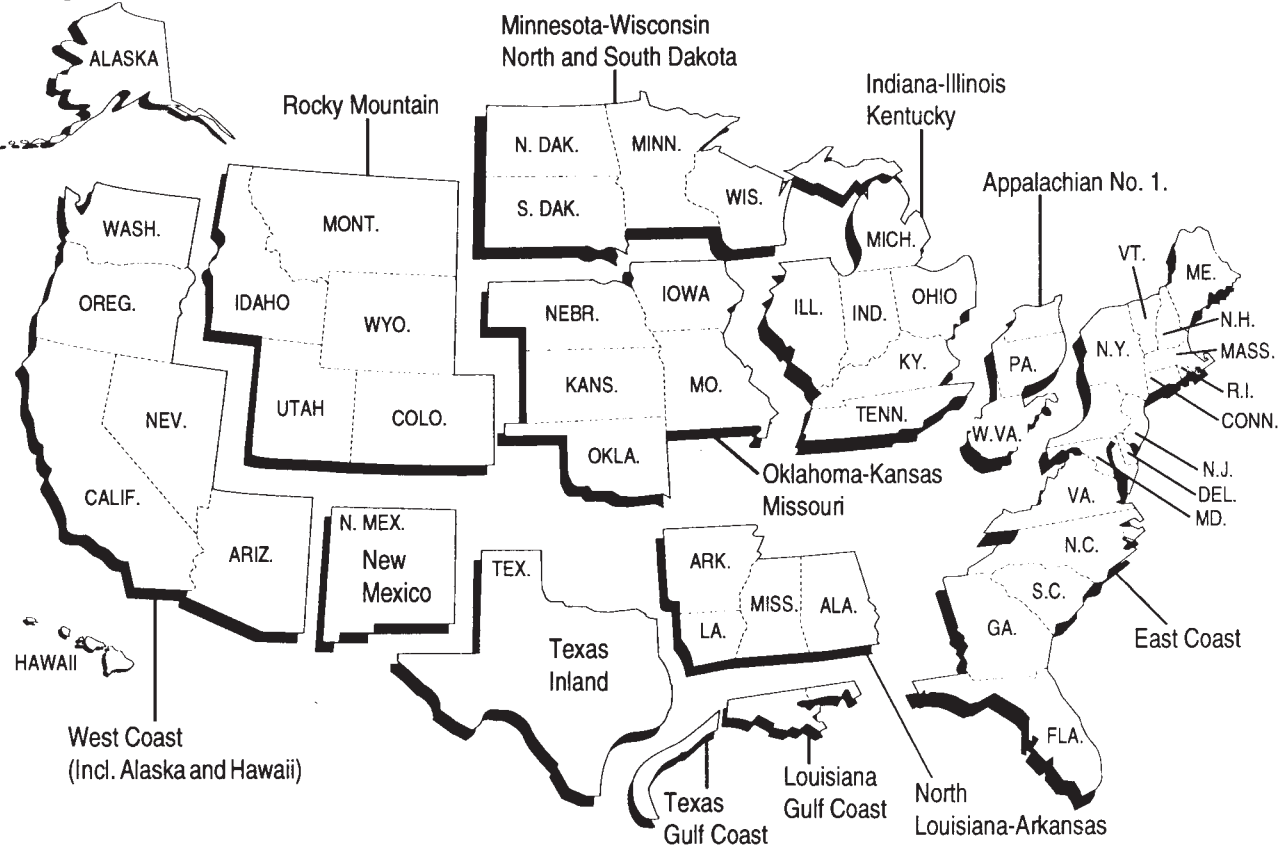
### **PAD District V**

**West Coast:** The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

# Petroleum Administration for Defense (PAD) Districts



# Refining Districts



## PSM Explanatory Notes

### Preface

The *Petroleum Supply Monthly* (PSM) and *Petroleum Supply Annual* (PSA) are reports produced by the Monthly Petroleum Supply Reporting System (MPSRS) operated by the U.S. Energy Information Administration (EIA). The PSM and PSA track supply and disposition of crude oil, hydrocarbon gas liquids, petroleum products, and biofuels. The reports are produced by the Office of Petroleum and Biofuel Statistics of the U.S. Energy Information Administration (EIA).

Data presented in the PSM and PSA describe supply and disposition of crude oil, hydrocarbon gas liquids, petroleum products, and biofuels in the United States, and major U.S. geographic regions with selected data available at the state level. Data describe production, imports, exports, inter-Petroleum Administration for Defense District (PADD) movements, and inventories in the United States (50 States and the District of Columbia). The reporting universe includes operators engaged in primary supply activities including refining, motor gasoline blending, natural gas processing and fractionation, inter-PADD transportation, importers, and major inventory holders. When aggregated, data reported by operators in these sectors are used to derive consumption of petroleum products in the United States.

Monthly and year-to-date data are normally released in the PSM on the last business day of each month. Monthly data are available approximately 60 days after the end of each reference month. Revised monthly data and annual totals and averages are released in the PSA usually at the end of August each year.

# Appendix B. Explanatory Notes

## 1. Overview

### A. The Energy Information Administration's Quality Guidelines

Data contained in the *Petroleum Supply Monthly* (PSM) and *Petroleum Supply Annual* (PSA) are subject to information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information.

### B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the PSM and PSA are used for calculation of petroleum demand measured as product supplied. Product supplied is often called “implied” demand because it is a measure of demand that is implied by disappearance of petroleum product barrels from facilities and activities in the “primary” supply chain. Facilities and activities in the primary supply chain include refineries, bulk storage and blending terminals, natural gas processing plants and fractionators, renewable fuels and oxygenate production plants, imports, exports, , and transportation by pipelines, tankers, barges, and railroads. Total product supplied at the U.S. level is equal to the sum of field production (including production of crude oil and natural gas liquids from natural gas processing plants), refinery and blender net production, renewable fuels and oxygenate plant net production, imports, and adjustments, minus the sum of stock change, refinery and blender net inputs, and exports. Net receipts are added to supply when product supplied is calculated for Petroleum Administration for Defense Districts (PADD). Crude oil product supplied is zero after September 1997 because crude oil is processed in refineries to produce fuels and other products rather than being used directly as fuel. Data include crude oil used directly as fuel between January 1981 and September 1997.

The secondary supply chain falls between primary supply and end-users. Product barrels typically flow in bulk quantities from primary supply into secondary supply before delivery to consumers. Fuels and other products held by consumers are considered to be in tertiary supply. Secondary supply facilities and activities include storage at bulk plants and retail outlets. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, as defined by EIA, receive product only by rail or truck, but not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, fuel and nonfuel products held by end users, and certain proprietary storage of raw materials such as propane held at chemical plants for use as ethylene feedstock.

There is a delay between the time when barrels are reported as demand measured as product supplied and when the same barrels are actually consumed. The delay is due to the time required for barrels to move from primary supply through secondary and tertiary supply chains and ultimately to end users where the barrels are actually consumed as fuel, feedstock, or for other purposes. Users of demand measured as product supplied should expect product supplied to either anticipate or lag timing of actual petroleum consumption.

### C. Components of Supply and Disposition

The detailed statistics tables in the *PSM* provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1– 25 is provided. The categories and products are defined in the EIA Glossary.

#### (1.) Supply

a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies, the Mineral Management Service of the U.S. Department of the Interior and Form EIA-914 “Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report. Refer to “Domestic Crude Oil Production” in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

b. Renewable Fuels and Oxygenate Plant Net Production – Renewable fuels production included fuel ethanol beginning with data for January 2009, biodiesel beginning with data for January 2011, and renewable hydrocarbon biofuels (diesel, heating oil, jet, naphtha, gasoline, and other) beginning with data for January 2021. EIA included production of fuel oxygenates (ethyl tertiary butyl ether (ETBE), methyl tertiary butyl ether (MTBE), and other fuel oxygenates) as a component of the petroleum balance from January 2009 until December 2018. This supply category also includes net production of non-biofuel products, including petroleum-derived gasoline, distillate fuel oil, jet fuel, and kerosene and natural gas liquids, blended with biofuels as denaturants or for other purposes at biofuel producing plants. Negative production indicates the amount of a product produced during the month was less than the amount of that same product reported as input during the same month.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Forms EIA-810 and EIA- 815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge, and Rail between PAD Districts are shown in Table 62.

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) and distillate fuel oil. EIA calculates adjustment quantities to balance supply and disposition for selected products or to reclassify one product to another product. EIA calculates product supplied as the balancing item for most products and a measure of implied demand for petroleum products. EIA uses adjustments as balance items in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District. EIA discontinued reporting adjustment quantities for non-fuel ethanol biofuels and distillate fuel oil beginning with data for January 2021.

## (2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, hydrocarbon gas liquids, hydrogen, renewable fuels, and other hydrocarbons) processed at refineries or blended at terminals to produce finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (e.g. vacuum distillation units).

Refinery and blender input of natural gas liquids equal gross input of natural gas liquids received from natural gas plants for blending and processing.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery and blender input minus refinery and blender production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is a calculated measure of demand equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts when calculated by PADD), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Product supplied values indicate quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PADD basis, the figure for net receipts was inaccurate because the coverage of inter-PADD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported (e.g. unfinished oils received at refineries for processing from petrochemical plants).

EIA reported crude oil burned as fuel on leases and by pipelines as either distillate or residual fuel oil product supplied prior to January 1983. EIA reported crude oil product supplied equal to crude oil used directly as reported on Form EIA-813 "Monthly Crude Oil Report" from January 1983 through December 2009. EIA discontinued reporting crude oil used directly on Form EIA-813 after December 2009.

### (3.) Ending Stocks

Crude oil that is in-transit by water from Alaska and crude oil stored in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Product stocks held as reserves by federal and state agencies are excluded from primary stock quantities reported by EIA, but quantities held in selected government reserves are provided in Appendix D.

Primary stocks of crude oil included barrels held on crude oil producing sites (lease stocks) until June 2016. Primary stocks of crude oil excluded lease stocks beginning with release of PSM data for July 2016 on September 30, 2016. Historical crude oil stocks in on eia.gov were revised beginning with data for January 2005 to exclude lease stocks. Data may be accessed from the following locations on the EIA web site.

[http://www.eia.gov/dnav/pet/pet\\_sum\\_snd\\_d\\_nus\\_mdbl\\_m\\_cur.htm](http://www.eia.gov/dnav/pet/pet_sum_snd_d_nus_mdbl_m_cur.htm)

[http://www.eia.gov/dnav/pet/pet\\_sum\\_crdsnd\\_k\\_m.htm](http://www.eia.gov/dnav/pet/pet_sum_crdsnd_k_m.htm)

[http://www.eia.gov/dnav/pet/pet\\_stoc\\_typ\\_c\\_nus\\_EPC0\\_mdbl\\_m.htm](http://www.eia.gov/dnav/pet/pet_stoc_typ_c_nus_EPC0_mdbl_m.htm)

## 2. Components - Forms Discussions

The data presented in the *PSM* include data collected by the EIA on nine monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data collected on Form EIA-914 as well as production data from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

### A. Petroleum Supply Reporting System

The nine monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and hydrocarbon gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the six weekly surveys. The MPSRS includes eight monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, "Weekly Refinery and Fractionator Report,"
2. EIA-802, "Weekly Product Pipeline Report,"
3. EIA-803, "Weekly Crude Oil Stocks Report,"
4. EIA-804, "Weekly Imports Report,"
5. EIA-805, "Weekly Bulk Terminal Report,"
6. EIA-809, "Weekly Oxygenate Report,"
7. EIA-22M, "Monthly Biodiesel Production Survey," (discontinued effective with data for October 2020)
8. EIA-810, "Monthly Refinery Report,"
9. EIA-812, "Monthly Product Pipeline Report,"
10. EIA-813, "Monthly Crude Oil Report,"
11. EIA-814, "Monthly Imports Report,"
12. EIA-815, "Monthly Bulk Terminal Report."
13. EIA-816, "Monthly Natural Gas Liquids Report"

14. EIA-817, “Monthly Tanker and Barge Movement Report”
15. EIA-819, “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene” (formerly “Monthly Oxygenate Report”)
16. EIA-820, “Annual Refinery Report.”

EIA administers weekly and monthly surveys at six key points along the petroleum and biofuel supply chain including refineries, fractionators, natural gas processing plants, bulk product storage and blending terminals, crude oil and product pipelines, crude oil stock holders, importers, and plants producing biofuels and fuel oxygenates. EIA also collects inter-PADD movements by pipelines, tankers, and barges using monthly surveys. Weekly surveys do not capture petroleum movements. EIA selects a sample of operators reporting on monthly surveys to also report on weekly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA- 820, “Annual Refinery Report.” The EIA-820 data are published in the annual “Refinery Capacity Report.”

## **B. Monthly Supply Survey Description and Methodology**

### **(1.) Description of Surveys Forms**

Copies of the survey forms and instructions can be found at:  
<https://www.eia.gov/survey/>

The Form EIA-22M “Monthly Biodiesel Production Survey” collects data on biodiesel plant location, operating status, annual production capacity, monthly biodiesel and co-product production, stocks, input of feedstocks, alcohol, and catalysts, and biodiesel sales. EIA discontinued Form EIA-22M effective with data for October 2020, and incorporated data previously collected on Form EIA-22M into Form EIA-819 “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene.

The Form EIA-810, “Monthly Refinery Report,” collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on an annual basis.

The Form EIA-812, “Monthly Product Pipeline Report,” collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included.

The Form EIA-813, “Monthly Crude Oil Report,” collects data on end-of-month stock levels of crude oil held in pipelines, and at tank farms operated by the reporting company, and Alaskan crude oil in transit by water. Data are reported by PADD including stocks held in the 50 states and the District of Columbia. In addition to stocks, EIA uses Form EIA-813 to collect inter-PADD movements of crude oil by pipeline. EIA collects movements for shipping and receiving PADDs with no intermediate PADD movements. EIA uses Form EIA-813 to collect annual storage capacity in data for the month of March.

The Form EIA-814, “Monthly Imports Report,” collects data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia. The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil and unfinished oils only.

The Form EIA-815, “Monthly Bulk Terminal Report,” collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on an annual basis.

The Form EIA-816, “Monthly Natural Gas Liquids Report,” collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, “Monthly Tanker and Barge Movement Report,” collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane and Isooctene” collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Beginning in October 2020 it also collects facility-level data on biodiesel and renewable hydrocarbon fuels production and blending and end-of-month stocks. Plant operators report end-of-month stocks on site on a custody basis regardless of ownership as well as stocks in transit by rail, truck, and water to their plants.

## (2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of “Who Must Submit” participate in the survey.

The activities for frames maintenance are conducted on an ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-22M “Monthly Biodiesel Production Survey” include operators of plants that produce biodiesel meeting ASTM D 6751-07B specifications and used for commercial purposes. This survey was discontinued in October 2020 and replaced with EIA-819 “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene.

Respondents to Form EIA-810, “Monthly Refinery Report” include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, “Monthly Product Pipeline Report” include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, “Monthly Crude Oil Report” include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil tank farm operators, and companies transporting Alaskan crude oil by water (to U.S. ports) in the 50 States and the District of Columbia.

Respondents to Form EIA-814, “Monthly Imports Report” include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, “Monthly Bulk Terminal Report” include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, “Monthly Natural Gas Liquids Report” include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, “Monthly Tanker and Barge Movement Report” include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company- owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between

PAD Districts are considered to have custody.

Respondents to Form EIA-819, “Monthly Report of Biofuels, Fuels from Non-Biogenic Wastes, Fuel Oxygenates, Isooctane, and Isooctene” include all operators of facilities that produce (manufacture or distill) fuel alcohol, biodiesel, renewable diesel, heating oil, jet fuel, naphtha, gasoline and other renewable fuels and feedstocks, isooctane, isooctane and fuel oxygenates other than fuel alcohol (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

### (3.) Collection

Survey data for the MPSRS are collected by Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

### (4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years. Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

### (5.) Estimation and Imputation

The nine monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Where possible, EIA uses imputed values to account for activity when a company fails to file. Depending on the survey, imputed values may be estimates based on weekly reports, estimates equal to prior-month reported quantities, or estimates based on non-survey data (e.g. imports quantities may be imputed using data provided to EIA by U.S. Customs and Border Protection). Imputation normally accounts for very small quantities in published totals because response rates to monthly surveys tend to be very high, typically exceeding 97 percent calculated as total reports received divided by total reports expected.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the Petroleum Supply Annual (PSA).

### (6.) Macro Editing

EIA compares data reported by individual companies and plants on monthly and weekly surveys. EIA uses these comparisons to identify cases where reporting companies responded differently to the same or similar questions on weekly and monthly surveys and then works with reporting companies to identify and address inconsistent or erroneous reporting on surveys. EIA also compares aggregate and other data with external sources in order to identify and correct potential errors in reporting or survey methodology. EIA makes additional comparisons of survey data with model results. EIA may use imputation to correct known and/or suspected errors in data reported in the Petroleum Supply Monthly and Petroleum Supply Annual.

### (7.) Dissemination

In most cases, EIA releases PSM data within 60 days of the close of the reference month. The PSM is available on the web at:

<http://www.eia.gov/petroleum/supply/monthly/>

Much of the PSM data are available in HTML format on eia.gov. Features include: downloadable spreadsheets containing complete data history, data tables which “pivot” to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum data can be accessed at: <http://www.eia.gov/petroleum/data.cfm>

## C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of the statistics published in the PSM are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

### (1.) Domestic Crude Oil Production

The interim estimate of U.S., PAD District, and state oil production for the current reference month, published in Tables 1 through 26 of the PSM, are based on:

- (a.) crude oil production data from state government agencies and the Department of the Interior, Bureau of Safety and Environmental Enforcement;
- (b.) crude oil production data reported on Form EIA-914, “Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report.” For some states, EIA uses current reported data from the state (chiefly Alaska). For the states of Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and the Federal Gulf of Mexico, EIA calculates an estimate by modeling the relationship between final state-level data from DrillingInfo, a third-party vendor of well-level data collected by state agencies, and data reported on the EIA-914 survey using weighted least squares (WLS) linear regression. Additional explanation of the WLS estimation methodology is available. Estimates have to be made for crude oil production because complete and correct data from states may take from several months to over two years.
- (c.) first purchase data reported on Form EIA-182 “Domestic Crude Oil First Purchase Report.” For the remaining states and areas (Alabama, Arizona, Federal Pacific Offshore, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) EIA calculates an estimate by using the average lagged ratio (ALR) of the state reported data to EIA-182 data, applied to the current EIA-182 data. Additional explanation of the ALR estimation methodology is available.

State-level production estimates are published in Table 26, “Production of Crude Oil by PAD District and State.” Table 26 contains estimates for crude oil production for state and federal offshore areas reported by state agencies and the Bureau of Safety and Environmental Enforcement or estimated by EIA using the ALR or WLS methods discussed above. Every month, the monthly crude oil production estimates are updated in Table 26 of the Petroleum Supply Monthly ([http:// www.eia.gov/petroleum/supply/monthly/](http://www.eia.gov/petroleum/supply/monthly/)) using reports from state agencies and the Bureau of Safety and Environmental Enforcement. The estimates are reported in the Petroleum Supply Monthly roughly 60 days after the production month.

### (2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a “Shipper’s Export Declaration Document” with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the PSM reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether or not the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

### (3.) Movements of crude oil and select products by railroad

The volume of crude oil, ethanol, biodiesel, propane, propylene, normal butane, isobutane, petroleum coke, and asphalt moving by

railroad is calculated using several data sources including Carload Waybill Sample (CWS) data from the U.S. Surface Transportation Board (STB), data from the National Energy Board of Canada (NEB), data in EIA's Oil and Gas Supply Module (OGSM) within the National Energy Modeling system (NEMS) for data prior to 2015, the EIA-914 survey starting in January 2015, and an estimation procedure developed by EIA for months in which these data are not available.

Additional data from the NEB, OGSM, and the EIA-914 are used for estimating factors for converting carloads to barrels of crude oil. Carloads of ethanol, biodiesel, propane, propylene, normal butane, isobutane, petroleum coke, and asphalt are converted to barrels using data from the CWS.

The most current monthly STB waybill sample may not be received with sufficient lead time to be processed and included in the PSM publication. Further, STB aggregates and provides waybills based on the accounting period, while EIA is interested in the waybill date, which can differ by several months from the accounting period. In addition, waybills from non-Class I railroads might only be included in the sample for the last month of a calendar quarter. As a result, EIA may estimate anywhere from one to three months of rail movements, relying on historical averages or near-month model estimates for those months to be published in the PSM for which incomplete or no STB data are available.

Estimates of rail movements are subject to revision on a monthly basis as new, more complete, and more accurate data become available. Monthly revisions will typically affect data available on the EIA web site for the current year and up to two prior years. To the extent that revisions are needed to data more than 2 years in the past, these revisions will be made once a year at the time when Petroleum data html tables are updated with final data for a year from the Petroleum Supply Annual. Petroleum Supply Monthly and Petroleum Supply Annual tables released as PDF files will not be revised.

#### (4.) Stocks of Crude Oil held on Producing Sites (Lease Stocks)

The adjustment for lease stocks was discontinued beginning with PSM data for July 2016 released on September 30, 2016 because EIA discontinued reporting crude oil stocks held on producing sites (lease stocks). The lease stock adjustment remains in all historical EIA lease stocks data.

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the "lease adjustment," a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state data on crude oil stocks and began collecting crude oil stock data by Petroleum Administration for Defense (PAD) District. With this change, the "lease adjustment" could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

#### (5.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL) Adjustment

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS- NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane and natural gasoline also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to revised data reported in the Petroleum Supply Annual (PSA) for 1988.

#### (6.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

**Note on MTBE Adjustment:** The MTBE portion of the gasoline adjustment described in this section was only applied to Petroleum Supply Monthly (PSM) data for 2009. The MTBE portion of the gasoline adjustment was discontinued after further examination

of the issue made clear the MTBE adjustment was not helpful in forming an accurate statistical representation of U.S. and regional gasoline supplies. The MTBE adjustment was not applied to gasoline supply and disposition data in years prior to 2009, nor was it applied to revised data for 2009 published in the Petroleum Supply Annual or in years after 2009. This note only applies to MTBE adjustments. MTBE blending that was reported on EIA surveys is reflected in U.S. and regional gasoline supply and disposition data. Other adjustments to gasoline supply and disposition data to account for motor gasoline blending components and fuel ethanol remain as described in this section.

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), “other” motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and “other” motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and “other”. During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and “other” motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

## (7.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net

receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

#### (8.) Renewable Fuels including Fuel Ethanol Adjustment

For data prior to January 2021, adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PADD depend on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below. Beginning with data for January 2021, EIA discontinued calculating adjustment quantities for biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). EIA now includes these adjustment quantities as product supplied.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Adjustment quantities by PADD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.
- The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). For PSM data prior to January 2012, EIA calculated adjustment quantities for renewable fuels except fuel ethanol at the U.S. and PADD levels equal to the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol was unavailable and was excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol caused production to be included in the adjustment. Similarly, the calculation caused net inter-PADD movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

Beginning with PSM data for January 2012, and PSA data for 2011 through December, 2020 production of biodiesel reported on Form EIA-22M was included under the heading of “renewable fuels and oxygenate plant net production” in petroleum supply and disposition balances for “renewable fuels except fuel ethanol”. As a result, the adjustment for “renewable fuels except fuel ethanol” excludes production of biodiesel beginning with data for January 2012. Beginning with data for January 2010 EIA included rail movements of biodiesel in inter-PADD movements, and so rail movements were excluded from adjustment quantities.

- For data prior to January 2021, biodiesel adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Adjustment quantities by PADD equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Biodiesel adjustment quantities are assumed to reflect blending of biodiesel into distillate fuel oil that is implied by the available supply of biodiesel but not reported as input on surveys. Biodiesel adjustment volumes are reclassified to distillate fuel oil (15 ppm sulfur and under) through distillate fuel oil adjustments. EIA discontinued calculating biodiesel and distillate fuel oil adjustment quantities beginning with data for January 2021. EIA now includes barrels of biodiesel formerly reported in adjustment quantities as product supplied of renewable fuels except fuel ethanol.

Beginning with PSM data for January 2021, EIA included production of renewable diesel, heating oil, jet fuel, naphtha, gasoline, and other renewable fuels and feedstocks reported on Form EIA-819 under the heading of “renewable fuels and oxygenate plant net production” in petroleum supply and disposition balances for “renewable fuels except fuel ethanol”. EIA now reports barrels formerly included in adjustment quantities as product supplied.

### (9.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.” This adjustment was discontinued after publication of data for December 2010.

For PSM data from January 2012 and PSA data from January 2011 through December 2020, EIA calculated distillate fuel oil adjustments equal to the opposite of biodiesel adjustment quantities described above in section 8. EIA added biodiesel adjustment quantities to supply of distillate fuel oil (15 ppm sulfur and under) and total distillate fuel oil. EIA assumed that distillate fuel oil adjustment quantities reflected biodiesel blending activity implied by biodiesel supply and disposition but not reported on surveys. Beginning with data for January 2021, EIA discontinued calculating and reporting distillate fuel oil adjustment quantities.

### (10.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report” in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005.

### (11.) Other Hydrocarbon Adjustment

Adjustment quantities for “other” hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. “Other” hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for “other” hydrocarbons produced outside of refineries. There are no movements data collected on surveys for “other” hydrocarbons. Therefore, adjustment quantities include any net receipts of “other” hydrocarbons resulting from inter-PAD District movements.

### (12.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

### (13.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol) equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol). Beginning with PSA data for 2019, EIA excluded oxygenates supply and disposition from U.S. and regional balance tables.

## 3. Quality

### A. General Discussion

#### (1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article “Accuracy of Petroleum Supply Data.” Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

#### (2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number of sources including: (1) the inability

to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

### (3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the *PSM* has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the *PSA*. These values reflect all *PSM* resubmissions and other data corrections. The values contained in the *PSA* are EIA's most accurate measure of petroleum supply activity.

### (4.) Revision Policy

EIA will publish revised monthly crude oil production estimates going back to the previously published Petroleum Supply Annual every month in petroleum data tables ([http:// www.eia.gov/petroleum/supply/monthly/](http://www.eia.gov/petroleum/supply/monthly/)). Once a year with the release of the Petroleum Supply Annual, EIA will revise up to 10 years of historical production estimates in petroleum data tables.

## **B. Data Assessment**

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The *PSM* preliminary monthly data serve as leading indicators of the final monthly data published in the *PSA*. The *PSM* monthly data are not expected to have the same level of accuracy as the final monthly data published in the *PSA*. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the *PSM* are compared with the final monthly aggregates published in the *PSA*. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

## **4. Provisions Regarding Disclosure of Information**

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form. In addition, biofuel production capacity data reported on Form EIA-819 and Form EIA-22M will be released in company identifiable form. Refinery distillation capacity collected on Form EIA-810 also may be released in company identifiable form. EIA releases annual refinery input and production capacities in company identifiable form each year in the Annual Refinery Capacity Report.

Except as described above, information reported on Forms EIA-810 through 813, 815 through 817, 819, 820, and 22M will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905. The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data aggregated and published from these survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

## Northeast Reserves

Reserves inventories are not considered to be in the commercial sector and are excluded from EIA's commercial motor gasoline and distillate fuel oil supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

### Northeast Home Heating Oil Reserve classified as ultra-low sulfur distillate (15 parts per million)

Terminal Operator	Location	Thousand Barrels
Buckeye Partners LP	Port Reading, NJ	300
Buckeye Partners LP	Groton, CT	300
Global Companies LLC	Revere, MA	201
Gulf Oil LP	Chelsea, MA	200

Source: U. S. Energy Information Administration

### Northeast Regional Refined Petroleum Product Reserve motor gasoline products

Terminal Operator	Location	Thousand Barrels
Kinder Morgan Liq Terminals LLC	Carteret, NJ	0
Buckeye Terminals LLC	Port Reading, NJ	0
Buckeye Terminals LLC	Raritan Bay, NJ	700
Global Companies LLC	Revere, MA	200
South Portland Terminal LLC	South Portland, ME	99

Source: U. S. Energy Information Administration

Other reserves information from the U.S. Department of Energy, Office of Petroleum Reserves can be found at <http://energy.gov/fe/services/petroleum-reserves/>

## State of New York's Strategic Fuels Reserve Program

State reserve inventories are also not considered to be in the commercial sector and are excluded from EIA's commercial inventories and are excluded from supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Product	Location	Thousand Barrels
Motor Gasoline Blending Components	NY	83
Fuel Ethanol	NY	9
Distillate Fuel Oil, 15 ppm Sulfur and Under	NY	34

Source: New York State Energy Research & Development Authority

# Definitions of Petroleum Products and Other Terms

(Revised June 2021)

**Alcohol.** The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group;  $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$  (e.g., methanol, ethanol, and tertiary butyl alcohol).

**Alkylate.** The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

**Alkylation.** A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

**All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.**

**API Gravity.** An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

**Aromatics.** Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

**Asphalt.** A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

**ASTM.** The acronym for the American Society for Testing and Materials.

**Atmospheric Crude Oil Distillation.** The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

**Aviation Gasoline (Finished).** A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating

engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

**Aviation Gasoline Blending Components.** Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformat, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

**Barrel.** A unit of volume equal to 42 U.S. gallons.

**Barrels Per Calendar Day.** The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

**Barrels Per Stream Day.** The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

**Benzene ( $\text{C}_6\text{H}_6$ ).** An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

**Biomass-Based Diesel Fuel.** Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass, but excluding renewable diesel fuel coprocessed with petroleum

feedstocks.

**Blending Components.** See *Motor or Aviation Gasoline Blending Components*.

**Blending Plant.** A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

**Bonded Petroleum Imports.** Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

**BTX.** The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

**Bulk Station.** A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

**Bulk Terminal.** A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

**Butane (C<sub>4</sub>H<sub>10</sub>).** A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

**Normal Butane (C<sub>4</sub>H<sub>10</sub>).** A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

**Refinery-Grade Butane (C<sub>4</sub>H<sub>10</sub>).** A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

**Butylene (C<sub>4</sub>H<sub>8</sub>).** An olefinic hydrocarbon recovered from refinery processes.

**Captive Refinery Oxygenate Plants.** Oxygenate production facilities located within or adjacent to a refinery complex.

**Catalytic Cracking.** The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

**Fresh Feeds.** Crude oil or petroleum distillates which are being fed to processing units for the first time.

**Recycled Feeds.** Feeds that are continuously fed back for additional processing.

**Catalytic Hydrocracking.** A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

**Catalytic Hydrotreating.** A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

**Catalytic Reforming.** A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

**Low Pressure.** A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

**High Pressure.** A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

**Charge Capacity.** The input (feed) capacity of the refinery processing facilities.

**Coal.** A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

**Commercial Kerosene-Type Jet Fuel.** See *Kerosene-Type Jet Fuel*.

**Conventional Blendstock for Oxygenate Blending (CBOB).** See *Motor Gasoline Blending Components*.

**Conventional Gasoline.** See *Motor Gasoline (Finished)*.

**Crude Oil.** A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled

with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

**Domestic.** Crude oil produced in the United States or from its 'Outer continental shelf' as defined in 43 USC 1331.

**Foreign.** Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

**Crude Oil, Refinery Receipts.** Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

**Crude Oil Losses.** Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

**Crude Oil Production.** The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

**Crude Oil Qualities.** Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

**Delayed Coking.** A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

**Desulfurization.** The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include catalytic hydrotreating and other chemical/physical processes such

as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See **Catalytic Hydrotreating.**

**Disposition.** The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

**Distillate Fuel Oil.** A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

**No. 1 Distillate.** A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

**No. 1 Diesel Fuel.** A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate.**

**No. 1 Fuel Oil.** A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate.**

**No. 2 Distillate.** A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

**No. 2 Diesel Fuel.** A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate.**

**Low Sulfur No. 2 Diesel Fuel.** No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

**High Sulfur No. 2 Diesel Fuel.** No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

**No. 2 Fuel Oil (Heating Oil).** A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in

atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See *No. 2 Distillate*.

**No. 4 Fuel.** A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

**No. 4 Diesel Fuel.** See *No. 4 Fuel*.

**No. 4 Fuel Oil.** See *No. 4 Fuel*.

**Electricity (Purchased).** Electricity purchased for refinery operations that is not produced within the refinery complex.

**Ending Stocks.** Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

**ETBE (Ethyl tertiary butyl ether) (CH<sub>3</sub>)<sub>3</sub>COC<sub>2</sub>H<sub>5</sub>.** An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

**Ethane (C<sub>2</sub>H<sub>6</sub>).** A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

**Ether.** A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

**Ethylene (C<sub>2</sub>H<sub>4</sub>).** An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

**Exports.** Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

**Field Production.** Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

**Flexicoking.** A thermal cracking process which converts heavy

hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

**Fluid Coking.** A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

**Fresh Feed Input.** Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

**Fuel Ethanol (C<sub>2</sub>H<sub>5</sub>OH).** An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

**Fuels Solvent Deasphalting.** A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

**Gas Oil.** A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

**Gasohol.** A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See *Oxygenates*.

**Gasoline Blending Components.** Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

**Gasoline Treated as Blendstock (GTAB).** See *Motor Gasoline Blending Components*.

**Gross Input to Atmospheric Crude Oil Distillation Units.** Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

**Heavy Gas Oil.** Petroleum distillates with an approximate boiling

range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

**High-Sulfur Distillate Fuel Oil.** Distillate fuel oil having sulfur content greater than 500 ppm.

**Hydrogen.** The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

**Idle Capacity.** The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

**Imported Crude Oil Burned As Fuel.** The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

**Imports.** Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

**Isobutane (C<sub>4</sub>H<sub>10</sub>).** A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

**Isobutylene (C<sub>4</sub>H<sub>8</sub>).** An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

**Isohexane (C<sub>6</sub>H<sub>14</sub>).** A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

**Isomerization.** A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C<sub>4</sub>), an alkylation process feedstock, and normal pentane and hexane into isopentane (C<sub>5</sub>) and isohexane (C<sub>6</sub>), high-octane gasoline components.

**Isopentane.** See *Natural Gasoline and Isopentane.*

**Kerosene.** A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See **Kerosene-Type Jet Fuel.**

**Kerosene-Type Jet Fuel.** A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

**Commercial.** Kerosene-type jet fuel intended for use in commercial aircraft.

**Military.** Kerosene-type jet fuel intended for use in military aircraft.

**Lease Condensate.** A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See **Natural Gas Liquids.**

**Light Gas Oils.** Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

**Liquefied Petroleum Gases (LPG).** A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

**Liquefied Refinery Gases (LRG).** Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

**Low-Sulfur Distillate Fuel Oil.** Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

**Lubricants.** Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

**Merchant Oxygenate Plants.** Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

**Methanol (CH<sub>3</sub>OH).** A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

**Middle Distillates.** A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

**Military Kerosene-Type Jet Fuel.** See **Kerosene-Type Jet Fuel.**

**Miscellaneous Products.** Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils). Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

**Motor Gasoline (Finished).** A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

**Conventional Gasoline.** Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

**Ed 55 and Lower.** Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

**Greater than Ed55.** Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

**OPRG.** "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

**Oxygenated Gasoline (Including Gasohol).** Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

**Reformulated Gasoline.** Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of federal-program reformulated gasoline even though the gasoline

may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

**Reformulated (Blended with Alcohol).** Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

**Reformulated (Blended with Ether).** Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

**Reformulated (Non-Oxygenated).** Reformulated gasoline without added ether or alcohol components.

**Motor Gasoline Blending.** Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

**Motor Gasoline Blending Components.** Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

**Conventional Blendstock for Oxygenate Blending (CBOB).** Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

**Gasoline Treated as Blendstock (GTAB).** Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional

motor gasoline blending components when reported as a subset of motor gasoline blending components.

**Reformulated Blendstock for Oxygenate Blending (RBOB).**

Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

**RBOB for Blending with Alcohol.** Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

**RBOB for Blending with Ether.** Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

**All Other Motor Gasoline Blending Components.**

Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g. fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

**MTBE (Methyl tertiary butyl ether)  $(CH_3)_3COCH_3$ .** An ether intended for gasoline blending as described in Oxygenate definition.

**Naphtha.** A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

**Naphtha Less Than 401° F.** See *Petrochemical Feedstocks*.

**Naphtha-Type Jet Fuel.** A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note: Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

**Natural Gas.** A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

**Natural Gas Field Facility.** A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

**Natural Gas Liquids.** Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

**Natural Gas Plant Liquids.** Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

**Natural Gas Processing Plant.** Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

**Natural Gasoline and Isopentane.** A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon,  $(C_5H_{12})$ , obtained by fractionation of natural gasoline or isomerization of normal pentane.

**Net Receipts.** The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

**Normal Butane.** See *Butane*.

**OPEC.** The Organization of the Petroleum Exporting Countries (OPEC) was founded in Baghdad, Iraq, with the signing of an agreement in September 1960 by five countries namely Islamic Republic of Iran, Iraq, Kuwait, Saudi Arabia and Venezuela. They were to become the Founder Members of the Organization. These countries were later joined by Qatar (1961), Indonesia (1962), Libya (1962), the United Arab Emirates (1967), Algeria (1969), Nigeria (1971), Ecuador (1973), Gabon (1975), Angola (2007), Equatorial Guinea (2017) and Congo (2018). Ecuador suspended its membership in December 1992, rejoined OPEC in October 2007, but decided to withdraw its membership of OPEC effective 1 January 2020.

Indonesia suspended its membership in January 2009, reactivated it again in January 2016, but decided to suspend its membership once more at the 171st Meeting of the OPEC Conference on 30 November 2016. Gabon terminated its membership in January 1995. However, it rejoined the Organization in July 2016. Qatar terminated its membership on 1 January 2019.

**Operable Capacity.** The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

**Operable Utilization Rate.** Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

**Operating Capacity.** The component of operable capacity that is in operation at the beginning of the period.

**Operating Utilization Rate.** Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

**Other Hydrocarbons.** Materials received by a refinery and consumed as raw materials. Includes coal tar derivatives and gilsonite. Included hydrogen in data prior to January 2009 and excluded hydrogen thereafter. Excludes natural gas used for fuel or hydrogen feedstock.

**Other Oils Equal To or Greater Than 401° F.** See **Petrochemical Feedstocks**.

**Other Oxygenates.** Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

**Oxygenated Gasoline.** See **Motor Gasoline (Finished)**.

**Oxygenates.** Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

**Fuel Ethanol.** Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

**Methanol.** Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed

3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

**MTBE (Methyl tertiary butyl ether).** Blends up to 15.0 percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

**Pentanes Plus.** A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

**Persian Gulf.** The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

**Petrochemical Feedstocks.** Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

**Naphtha Less Than 401° F.** A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

**Other Oils Equal To or Greater Than 401° F.** Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

**Petroleum Administration for Defense (PAD) Districts.** Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

**Petroleum Coke.** A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

**Catalyst Coke.** In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

**Marketable Coke.** Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

**Petroleum Products.** Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet

fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

**Pipeline (Petroleum).** Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

**Plant Condensate.** One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

**Processing Gain.** The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

**Processing Loss.** The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

**Product Supplied, Crude Oil.** Crude oil burned on leases and by pipelines as fuel.

**Production Capacity.** The maximum amount of product that can be produced from processing facilities.

**Products Supplied.** Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

**Propane (C<sub>3</sub>H<sub>8</sub>).** A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

**Propylene (C<sub>3</sub>H<sub>6</sub>).** An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

**Propylene (C<sub>3</sub>H<sub>6</sub>) (nonfuel use).** Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

**Refinery.** An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

**Refinery-Grade Butane.** See *Butane*.

**Refinery Input, Crude Oil.** Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

**Refinery Input, Total.** The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

**Refinery Production.** Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

**Refinery Yield.** Represents the percent of finished product produced from input of crude oil, hydrogen, and other hydrocarbons, and net input of unfinished oils. Except for finished motor gasoline, finished aviation gasoline, and distillate fuel oil, EIA calculates refinery yield equal to net production of a finished petroleum product divided by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. In the case of finished motor gasoline, subtract input of natural gas liquids, fuel ethanol, oxygenates, and net input of motor gasoline blending components from net production of finished motor gasoline and then divide by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. In the case of finished aviation gasoline, subtract net input of aviation gasoline blending components from net production of finished aviation gasoline and then divide by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. In the case of distillate fuel oil, subtract input of renewable fuels except fuel ethanol (including input of biodiesel, renewable diesel fuel, and other renewable fuels) from distillate fuel oil net production and then divide by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. Prior to data for January 2009, EIA calculated refinery yields (except for finished motor gasoline) equal to finished product net production divided by the sum of input of crude oil and net input of unfinished oils. EIA calculated refinery yield of finished motor gasoline equal to net production of finished motor gasoline minus the sum of input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components divided by the sum of input of crude oil and net input of unfinished oils.

**Reformulated Blendstock for Oxygenate Blending (RBOB).** See *Motor Gasoline Blending Components*.

**Reformulated Gasoline.** See *Motor Gasoline (Finished)*.

**Renewable Fuels (Other).** Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

**Residual Fuel Oil.** A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

**Residuum.** Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

**Road Oil.** Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

**Shell Storage Capacity.** The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

**Steam (Purchased).** Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

**Still Gas (Refinery Gas).** Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

**Stock Change.** The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

**Strategic Petroleum Reserve (SPR).** Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

**Sulfur.** A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No.

2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

**Supply.** The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

**TAME (Tertiary amyl methyl ether)  $(CH_3)_2(C_2H_5)COCH_3$ .** An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

**Tank Farm.** An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

**Tanker and Barge.** Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts; from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

**TBA (Tertiary butyl alcohol)  $(CH_3)_3COH$ .** An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

**Thermal Cracking.** A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

**Toluene  $(C_6H_5CH_3)$ .** Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

**Ultra-Low Sulfur Distillate Fuel Oil.** Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

**Unaccounted for Crude Oil.** Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

**Unfinished Oils.** All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils,

kerosene and light gas oils, heavy gas oils, and residuum.

**Unfractionated Streams.** Mixtures of unsegregated natural gas liquid components excluding, those in plant condensate. This product is extracted from natural gas.

**United States.** The United States is defined as the 50 States and the District of Columbia.

**Vacuum Distillation.** Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

**Visbreaking.** A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

**Wax.** A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from petroleum fractions, or through a Fischer-Tropsch type process, in

which the straight-chained paraffin series predominates. This includes all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

**Working Storage Capacity.** The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

**Xylene ( $C_6H_4(CH_3)_2$ ).** Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.